

VOL. XIV. NO. 1

APRIL, 1920

Bulletin of the  
**College of  
William and Mary**

---

CATALOGUE 1919-1920



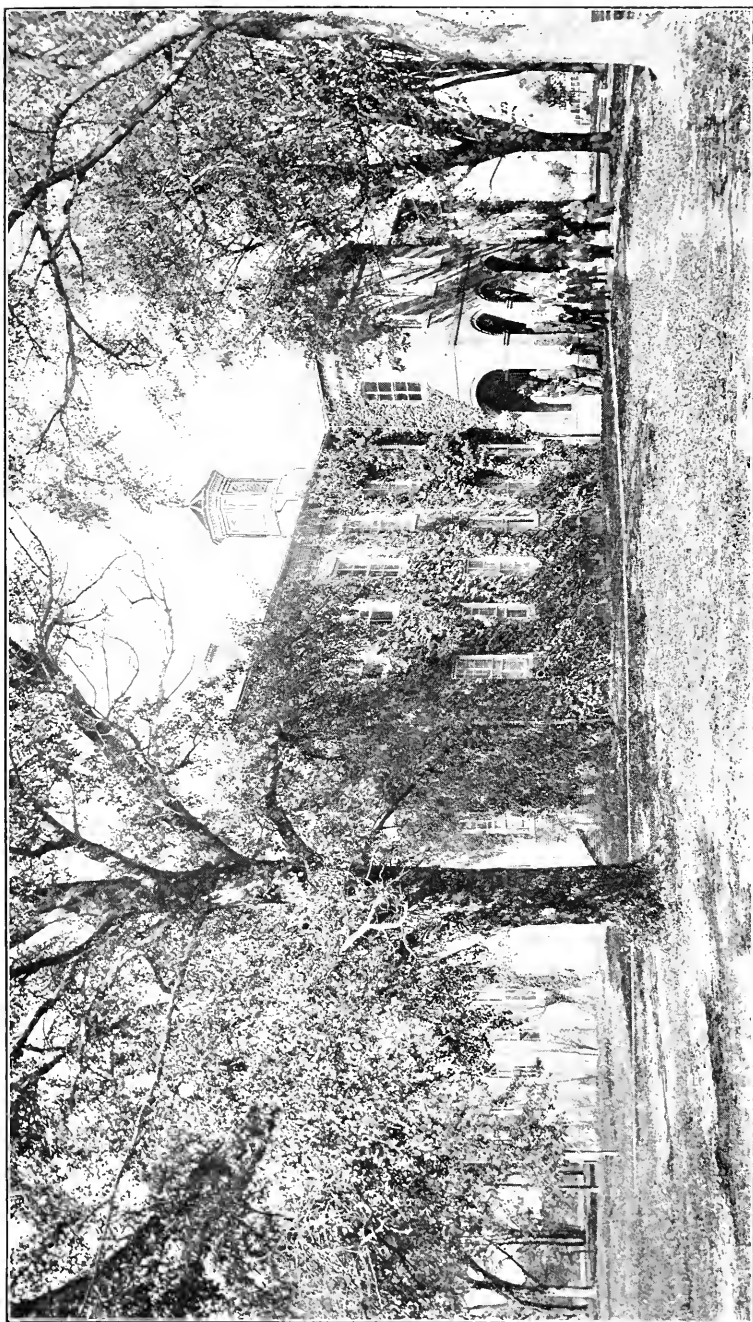
ANNOUNCEMENTS 1920-1921  
Two Hundred and Twenty-Seventh Year

---

(Entered at the Post-Office at Williamsburg as second-class matter)







COLLEGE OF WILLIAM AND MARY

VOL. XIV., No. I

APRIL, 1920

Bulletin of the  
**College of William  
and Mary**

---

CATALOGUE 1919-1920



Two Hundred and Twenty-seventh Year

**Announcements 1920-1921**

---

(Entered at the Post-Office in Williamsburg as second-class matter)

1920							1921						
JANUARY							JULY						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	30	31	25	26	27	28	29	30	31
...	...	...	...	...	...	...	...	...	...	...	...	...	...
FEBRUARY							AUGUST						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	...	...	...	...	...	...	29	30	31	...	...	...	...
MARCH							SEPTEMBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	1	2	3	4	5	6	...	...	...	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	...	...	...	26	27	28	29	30	...	...
APRIL							OCTOBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	...	...	...	1	2	3	...	...	...	...	1	2	...
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	...	24	25	26	27	28	29	30
...	...	...	...	...	...	...	31	...	...	...	...	...	...
MAY							NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	2	3	4	5	6	7	...	1	2	3	4	5	6
9	10	11	12	13	14	15	7	8	9	10	11	12	13
16	17	18	19	20	21	22	14	15	16	17	18	19	20
23	24	25	26	27	28	29	21	22	23	24	25	26	27
30	31	...	...	...	...	...	28	29	30	...	...	...	...
JUNE							DECEMBER						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	...	1	2	3	4	5	...	...	...	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30	...	...	...	26	27	28	29	30	31	...
JANUARY							FEBRUARY						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
2	...	4	5	6	7	8	...	...	1	2	3	4	5
9	10	11	12	13	14	15	6	7	8	9	10	11	12
16	17	18	19	20	21	22	13	14	15	16	17	18	19
23	24	25	26	27	28	29	20	21	22	23	24	25	26
30	31	...	...	...	...	...	27	28	...	...	...	...	...
MARCH							APRIL						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	...	1	2	3	4	5	...	...	...	1	2	3	4
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30	31	...	...	27	28	29	30	31	...	...
MAY							JUNE						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
...	...	...	...	...	...	1	...	...	...	...	1	2	3
8	9	10	11	12	13	14	5	6	7	8	9	10	11
15	16	17	18	19	20	21	12	13	14	15	16	17	18
22	23	24	25	26	27	28	19	20	21	22	23	24	25
29	30	...	...	...	...	...	26	27	28	29	30	...	...

# CONTENTS

---

Calendar of Exercises and Holidays, 1920-1921 .....	4
---	---

## PART I.

Board of Visitors .....	7
Officers of Instruction .....	8
Officers of Administration and Assistants .....	13
Holders of Scholarships .....	13
State Student Honor Roll .....	14
Degrees Conferred .....	14
Register of College Students .....	15
Register of Summer Session Students .....	22
College Students by Classes .....	24
History .....	29
Grounds and Buildings .....	32

## PART II.

College Entrance Requirements .....	36
Table of Units Required for Entrance .....	40
Government and Regulations .....	48
Expenses .....	50
Dormitories and Room Rental .....	54
Honors and Degrees .....	56
Special Courses .....	61
Preliminary Course for Medical Students .....	61
The William and Mary System of Teacher Training .....	76
Observation and Practice School .....	80
Students Taking Normal Work .....	82
School of Finance and Business Administration .....	84
Extension Division .....	88
Extension Students .....	91
Courses of Instruction .....	95

## PART III.

Department of Physical Education .....	124
College Societies and Publications .....	126
Student Publications .....	127
Religious Work .....	127
The Alumni Association .....	128

## PART IV.

Summer Session .....	130
Faculty of the Summer Session .....	131

## Calendar of Exercises and Holidays 1920-1921

---

FIRST TERM BEGINS.....	Thursday, September 16th
THANKSGIVING DAY.....	Thursday, November 25th
CHRISTMAS VACATION.....	Begins 1 P. M., Thursday, December 23rd
EXERCISES RESUMED.....	9 A. M., Monday, January 3rd
INTERMEDIATE EXAMINATIONS.....	Close January 29th
BEGINNING OF SECOND TERM.....	January 31st
EASTER VACATION.....	Begins 4 P. M., Thursday, March 24th
EASTER VACATION.....	Ends 8:45 A. M., Tuesday, March 29th
FINAL EXAMINATIONS.....	Close June 4th
BACCALAUREATE SERMON.....	Sunday, June 5th
CELEBRATIONS OF THE LITERARY SOCIETIES.....	Monday, June 6th
ALUMNI DAY.....	Tuesday, June 7th
CLOSING EXERCISES OF THE SESSION.....	Wednesday, June 8th



# PART I

---

OFFICERS AND STUDENTS  
HOLDERS OF SCHOLARSHIPS  
DEGREES CONFERRED, 1918-1919  
HISTORY  
GROUNDS AND BUILDINGS

Digitized by the Internet Archive  
in 2011 with funding from  
LYRASIS Members and Sloan Foundation

## Board of Visitors

---

The Rector of the College

JAMES HARDY DILLARD

Vice-Rector

GEORGE PRESTON COLEMAN

---

### THE VISITORS OF THE COLLEGE

---

To March 7, 1922

JAMES HARDY DILLARD

Charlottesville, Va.

CARROLL PIERCE

Alexandria, Va.

NATHANIEL TERRY GREEN

Norfolk, Va.

FERNANDO SOUTHALL FARRAR

Jetersville, Va.

RANDOLPH PRESTON COCKE

Williamsburg, Va.

---

To March 7, 1924

OSCAR LANE SHEWMAKE

Surry, Va.

GEORGE PRESTON COLEMAN

Williamsburg, Va.

MRS. BEVERLY B. MUNFORD

Richmond, Va.

SAMUEL WALKER WILLIAMS

Roanoke, Va.

JOHN ARCHER WILSON

Roanoke, Va.

THE STATE SUPERINTENDENT OF PUBLIC INSTRUCTION, *Ex-officio*

HARRIS HART

Richmond, Va.

The Secretary of the Visitors

LEVIN WINDER LANE, JR.

Williamsburg, Va.

## Officers of Instruction

---

JULIAN ALVIN CARROLL CHANDLER, PH. D., LL. D.

President

A. M., William and Mary, 1892; Ph. D., Johns Hopkins, 1896; LL. D., Richmond College, 1904; Acting President, Woman's College, Richmond, 1899; Professor of English, Richmond College, 1900-'04, and Professor History, 1908-'09; Editor Virginia Journal of Education, 1907-'09; Superintendent Schools, Richmond, 1909-'19; Chief of Division of Rehabilitation of Disabled Soldiers and Sailors of Federal Board for Vocational Education, 1918-'19; President College William and Mary, 1919-

LYON GARDINER TYLER, M. A., LL. D.

President Emeritus

A. M., University of Virginia, 1876; LL. D., Trinity College, Connecticut, 1895, and University of Pittsburg, 1911; member American Historical Society; American Philosophical Society; Author; President College of William and Mary, 1888-1919; President Emeritus, 1919-

JOHN LESSLIE HALL, PH. D., LITT. D.

Professor of English Language and Literature

Randolph-Macon College, Virginia; Fellow of Johns Hopkins University, 1886-'87; Fellow by Courtesy Johns Hopkins University, 1887-'88; Ph. D., Johns Hopkins University, 1892; Litt. D., Wake Forest College, N. C., 1916; Professor of English, William and Mary, 1888-

VAN FRANKLIN GARRETT, A. M., M. D.

Professor of Chemistry

Graduate, Virginia Military Institute; M. A., College of William and Mary; Student, Medical Department of the University of Virginia; M. D., Bellevue Medical College, New York City; Professor, Giles College, Tennessee; Professor Chemistry, College of William and Mary, 1888-

RICHARD MCLEOD CRAWFORD, M. A., PH. D.

Professor of Fine and Industrial Arts

B. S., Trinity College, 1896; M. A., Columbia University, 1905; M. S., Columbia University, 1916; Ph. D., Columbia University, 1918; Professor Fine and Industrial Arts, College of William and Mary, 1905-

## HENRY EASTMAN BENNETT, A. B.

Professor of Education

Florida A. & M. College; L. I., Peabody Normal College; B. A. and Graduate Student, University of Chicago; Principal Public Schools, Director Summer Schools, Secretary State Department of Education, Florida; President Florida State Normal School; Dean Normal Department, University of Florida; Professor of Education, College of William and Mary, 1907- ; Educational Director, Y. M. C. A. (A. E. F., France), 1917-'19.

## WESLEY PLUMMER CLARK, M. A.

Professor of Latin and Greek

B. A. and M. A., Richmond College; Professor of Latin and Greek, Jacksonville College, Texas; Professor of Greek, Washburn College, Kansas; Graduate Student, University of Chicago; Assistant in Greek, University of Chicago; Assistant Professor in Latin and Greek, Colgate University; Professor of Latin and Greek, William and Mary, 1912-'20.

## JOSEPH ROY GEIGER, M. A., PH. D.

Professor Philosophy and Psychology

A. B., Furman University, 1909; Professor Philosophy and English, Columbia College, 1909-'11; Graduate Student and Instructor, John B. Stetson University, 1911-'12; Professor Philosophy, Columbia College, 1912-'13; Graduate Student, University of Chicago, 1913-'16; M. A., University of Chicago, 1914; Ph. D., University of Chicago, 1916; Professor Philosophy and Psychology, College of William and Mary, 1916-

## DONALD WALTON DAVIS, PH. D.

Professor of Biology

A. B., Harvard College, 1905; Ph. D., Harvard University, 1913; Assistant in Zoology, University of California, 1905-'08; Naturalist, Marine Biological Association of San Diego, Summer 1906; Graduate Student, Columbia University, 1906-'07; Scientific Assistant, Woods Hole Laboratory, United States Bureau of Fisheries, Summers of 1904, 1905, 1907, 1908, and 1909; Professor of Biology, Sweet Briar College, 1907-'09; Graduate Student in Zoology, Harvard University, and Instructor in Zoology, Radcliffe College, 1909-'12; Assistant Professor of Zoology, Clark College, 1912-'14; Professor of Biology, DePauw University, 1914-'16; Acting Professor of Zoology, College of William and Mary, 1916-'17; Instructor in Zoology, A. E. F. University, 1919; U. S. Army Student in Genetics, The John Innes Horticultural Institution, London, 1919.

## ROBERT GILCHRIST ROBB, M. A., SC. D.

Professor of Chemistry

B. A., B. S., M. A., University of Virginia; Fellow in Astronomy, University of Virginia; Professor of Mathematics, Marion Military Institute; Professor of Chemistry, Miller Manual Labor School; Professor of Mathematics, St. Stephen's College; Professor of Chemistry and Physics, St. Stephen's College; Doctor of Science, St. Stephen's College; Professor of Organic and Analytical Chemistry, William and Mary College, 1918-

## ARTHUR GEORGE WILLIAMS, M. A.

Professor of Modern Languages

B. A., M. A., Roanoke College; Graduate Student at the University of Chicago; Instructor in Modern Languages, City High School, Roanoke, Va., 1902-'07; Professor of Modern Languages, Emory and Henry College, 1907-'18; Instructor in German, University of Chicago, Summer Quarter, 1913; Instructor in German, University of Virginia, Summer School, 1914; Instructor in English and German, University of Virginia Summer School, 1916; Lecturer on Latin-American Institutions and History, Summer 1917; Professor of Modern Languages, College of William and Mary, 1918-

## EDITH BAER, B. S.

Professor of Home Economics

Graduate, Drexel Institute, Philadelphia; Graduate, Teachers' College, Columbia University; Instructor in Home Economics, Drexel Institute, 1907-'12; Instructor in Foods and Cookery Department, Teachers College, Columbia University, 1912-'13; Professor of Domestic Science, Drexel Institute, 1913-'18; Professor Home Economics, College of William and Mary, 1918-; State Supervisor of Home Economics for Virginia, 1918-

## ROSCOE CONKLING YOUNG, B. S., A. M.

Professor of Physics

A. B., B. S.; A. M., College of William and Mary, 1910; Principal Wise (Va.) High School, 1910-'11; Instructor in Latin, History and French, Normal Academy, College of William and Mary, 1911-'12; Graduate Student in Mathematics and Physics, University of Chicago, 1912-'15; Professor of Mathematics, Summer Session, College of William and Mary, 1913-'15; Professor of Physics, Missouri State Teachers' College, 1915-'19; Professor of Physics, College of William and Mary, 1919-

## JAMES GLENN DRIVER

Professor of Physical Education

Student, William and Mary College, 1905-'09; Student, University of Virginia, 1910-'11. Student Columbia University, Summer School, 1911; Athletic and Physical Director, University of South Carolina, 1911-'13; Athletic and Physical Director, Newberry College, 1916-'17; Captain of Infantry, U. S. A., 1917-'19. Was on special duty while in the army doing Bayonet Physical Training and Athletic Work. Professor of Physical Education, William and Mary College, 1919-

## W. LLOYD G. WILLIAMS, M. A.

Professor of Mathematics

B. A., Haverford, 1910; B. A., University of Oxford, 1913; M. A., *ibid.*, 1916; Assistant Professor of Mathematics, Miami University, 1913-1918; Acting Professor of Mathematics, Pennsylvania College, 1918-'19; Professor of Mathematics, College of William and Mary, 1919.

## FREDERICK JUCHHOFF, LL. M., PH. D.

Professor of Economics and Accounting

Director of Evening Courses

Ph. B., 1906, Ph. D., 1912, Kansas City University; LL. B., 1908, Ohio Northern University; Graduate Student, University of Chicago, 1909-'14; LL. M., 1913, University of Maine; Graduate, 1916, School of Commerce, Northwestern University; Professor Commerce and Finance, James Millikin University, 1913-14; Professor of Finance and Accountancy, University of Virginia, Summer Sessions, 1915-'19; Head of Department of Accountancy, Toledo University, 1917-'19; Professor of Economics and Accountancy, College of William and Mary, 1919-

## CLARENCE ELMORE BONNETT, PH. D.

Professor of Business Administration

Student, State Teachers' College, Summer, 1904; Kirksville, Summer, 1905-'06; Student, University of Missouri, 1907-'10; B. S. in Education, *ibid.*, 1908; A. B., *ibid.*; Scholarship in Economics, 1909-'10; Teacher Economics, 1910, *ibid.*; Graduate Student, University of Chicago, 1910-'13; Assistant in Political Economy and Instructor, Correspondence Study Department, 1910-'13, *ibid.*; Professor of Economics and Government, University of New Mexico, 1913-'18; Head, School of Commerce, *ibid.*, 1916-1918; Research Expert, War Trade Board, 1918; Special Agent, and Training Assistant, Federal Board for Vocational Education, 1918-'19; Ph. D., University of Chicago, 1920; Professor of Business Administration, College of William and Mary, 1920-

## RICHARD LEE MORTON, M. A., PH. D.

Associate Professor of History and Political Science

B. A., Hampden-Sidney College; M. A., Harvard University; Ph. D., University of Virginia; Associate Professor in History and Political Science, College of William and Mary, 1919-

## EARL JEROME GRIMES, B. S.

Associate Professor of Biology

B. S., University of Illinois; Graduate Student at the Imperial College, University of London; Scientific Assistant, Bureau of Soils, U. S. Department of Agriculture; Assistant State Geologist, Indiana Department of Geology; Associate Professor of Biology, College of William and Mary, 1919-

## CARY FRANKLIN JACOB, M. S., PH. D.

Associate Professor of English and Literature

B. S., M. A., Ph. D., of University of Virginia; Head of the Department of English, Norfolk Academy; Dramatic Coach for the Dramatic Association of the University of Virginia; Head of the Department of English in Marion Institute; Professor of English in the University of Virginia, Summer School, 1919-; Associate Professor of English and Literature, William and Mary College, 1920-

## BESSIE PORTER TAYLOR

Social Director of Women and Instructor in English

Margaret Academy; Richmond College; Teachers' College; Columbia University; University of Virginia, Summer School, 1913-'16; Instructor in English and Latin, Hampton High School; Assistant Principal Manchester Schools; Instructor of Latin and English, John Marshall High School; Member Virginia Education Commission; College William and Mary, 1920-

## BERTHA WILDER

Physical Director of Women

## FANNIE LOU GILL

Instructor in Home Economics

## RICHARD WATSON COPELAND, B. S.

Instructor in Biology

## ALBERT PETTIGREW ELLIOTT, A. B.

Assistant in English

## LESLIE WALTER SIMMONS, B. S.

Laboratory Assistant in Chemistry

## HERBERT LEE BRIDGES, JR.

Laboratory Assistant in Physics

## WALTER HUGHART CHEATHAM

Laboratory Assistant in Biology

## ROBERT P. WALLACE, B. S.

Assistant in Physical Education

## JOSEPH M. HURT, JR., M. A., LL. B.

Instructor in Law

B. A., College of William and Mary; M. A., University of Virginia;  
LL. B., University of Virginia; Member of Richmond Bar.

## S. E. MERRILL, LL. B.

Instructor in Law

LL. B., Washington and Lee University; Member of Norfolk Bar.

## A. LEE RAWLINGS

Lecturer in Accountancy

Member of A. Lee Rawlings & Co., Certified Public Accountants,  
Norfolk, Va.

## A. M. PULLEN

Lecturer in Accountancy

Member of Pullen, Henderson, McKinney & Co., Certified Public  
Accountants, Richmond, Va.



## Officers of Administration and Assistants

---

JULIAN ALVIN CARROLL CHANDLER  
President of the College

HERBERT LEE BRIDGES  
Registrar of the College and Secretary to the Faculty

LEVIN WINDER LANE, JR.  
Treasurer of the College and Secretary to the Board of Visitors

BESSIE PORTER TAYLOR  
Social Director of Women

EMILY PRYOR CHRISTIAN  
Librarian

LESLIE ELEY BUSH  
EDGAR LINWOOD CONNELLEE  
Assistant Librarians

IRVING HAMILTON WHITE  
Secretary to the President

JEAN CHRISTIAN STUART MERCER  
Secretary to the Registrar

ESTHER WARREN RODIMON  
Manager of Boarding Department

DAVID J. KING, M. D.  
College Physician

---

## HOLDERS of Scholarships

1919-1920

---

*The Chancellor Scholarship*—MARTHA BARKSDALE.  
*The Soutter Scholarship*—FLORENCE MARGARET BRIDGES.  
*The Corcoran Scholarship*—FRANK SEYMOUR CALKINS.  
*The Graves Scholarship*—JANET HALDANE COLEMAN.  
*The Philo Bennett Scholarship*—JAMES NELSON DONALDSON.  
*The Phi Beta Kappa Scholarship*—HERBERT LEE BRIDGES, JR.

## State Student Honor Roll

---

WILLIAM HURD BOYER.  
JOHN GUY HUDSON.  
LESLIE ELEY BUSH.  
ROBERT MURPHY, JR.

---

## Degrees Conferred

JUNE, 1919

---

### *Bachelor of Arts*

ELLIOTT, ALBERT PETTIGREW.....Suffolk, Va.  
FERGUSON, WALTER F. CROSS.....Leesburg, Va.  
JOHNSON, ROBERT JOHN.....Gilmerton, Va  
JOHNSON, WILLIAM WALLER.....Gilmerton, Va  
MAJOR, CHARLES LESLIE.....Stormont, Va.  
MITCHELL, BENJAMIN BURRUSS.....Brandy Station, Va  
RIVES, ROBERT CARROLL.....McKenney, Va  
WARREN, LLOYD EARL.....Portsmouth, Va

### *Bachelor of Science*

EDWARDS, HARRY HOOPER..... Palls, Va.  
JONES, JAMES THOMAS.....Blackstone, Va.  
SIMMONS, LESLIE WALTER.....Newsoms, Va.

### *Teachers' Diplomas*

AKERS, ISAAC DEWEY.....Stuart, Va.  
BUSH, LESLIE ELEY.....Crittenden, Va.  
DUFF, JAMES SCOTT.....Quinke, Va.  
FOSTER, MALCOLM DEWEY.....Bertrand, Va.  
SHACKELFORD, THORNTON MANSFIELD.....Barboursville, Va.

### *Doctor of Laws*

WOODROW WILSON  
LYON GARDINER TYLER

## Register of Students

1919-1920

---

Abernathy, Lawrence Delbridge.....	Alberta, Brunswick Co., Va.
Ackiss, Paul Wilfred.....	Back Bay, Princess Anne Co., Va.
Akers, Isaac Dewey.....	Stuart, Patrick Co., Va.
Allen, Horace Henderson.....	Kenbridge, Lunenburg Co., Va.
Almand, Charles Aubrey.....	Kenbridge, Lunenburg Co., Va.
Ammons, Fletcher Emory.....	Hampton, Va.
Anderson, Fred Lee.....	Independence, Grayson Co., Va.
Andrews, William Earle.....	Petersburg, Va.
Badgett, Samuel Blanton.....	Farmville, Va.
Ball, Cecil Ravenscroft.....	Ditchley, Northumberland Co., Va.
Barker, Kanzo Blanchard.....	Abingdon, Washington Co., Va.
Barksdale, Martha Elizabeth.....	Charlottesville, Va.
Barnes, Harvey Charlton.....	Branchville, Southampton Co., Va.
Belanger, Albert Braun.....	Morgan City, Louisiana.
Bennett, Loren .....	Williamsburg, Va.
Benschoten, Josephine Alexander.....	Buckner, Louisa Co., Va.
Benschoten, Winifred Clendenin.....	Buckner, Louisa Co., Va.
Bentley, George Cable.....	Hampton, Va.
Bentley, John Boyd.....	Hampton, Va.
Berger, Lucy Elizabeth.....	Drake's Branch, Charlotte Co., Va.
Berl, Floyd Joseph.....	Wilmington, Delaware.
Blakey, Madeleine Calvert.....	Charlottesville, Va.
Bland, John Roderick.....	West Point, King William Co., Va.
Blizzard, Virginia Wrightington.....	Lowmoor, Alleghany Co., Va.
Bond, Ralph Dewitt.....	Coeburn, Wise Co., Va.
Bond, William Samuel.....	Coeburn, Wise Co., Va.
Boyer, William Hurd.....	Independence, Grayson Co., Va.
Bridges, Herbert Lee, Jr.....	Williamsburg, Va.
Bridges, James Malcolm.....	Williamsburg, Va.
Bridges, Margaret Florence.....	Williamsburg, Va.
Bridgforth, Joseph William.....	Kenbridge, Lunenburg Co., Va.
Briggs, Ralph Clemens.....	Ivor, Southampton Co., Va.
Brooks, Bertha .....	Williamsburg, Va.
Brooks, Julian Arlington.....	Williamsburg, Va.
Brown, Lucille .....	Williamsburg, Va.
Burch, Edgar Francis.....	Leesburg, Loudoun Co., Va.
Burch, William Thompson.....	Leesburg, Loudoun Co., Va.
Burcher, Miles Cary.....	Dare, York Co., Va.

Burden, Royce.....	Homestead, Dade Co., Florida.
Burfoot, James Dabney, Jr.....	Petersburg, Va.
Burke, Alice Rebecca.....	Charlottesville, Albemarle Co., Va.
Bush, Leslie Eley.....	Crittenden, Nansemond Co., Va.
Campbell, Roscoe David.....	Cleveland, Russell Co., Va.
Carneal, James Durette, Jr.....	Richmond, Va.
Cashion, Ruth Etta.....	Cape Girardeau, Missouri.
Chandler, Ferdinand Fairfax.....	Montross, Westmoreland Co., Va.
Chappell, John Robert, Jr.....	Jarratt, Sussex Co., Va.
Cheatham, Maude Vellines.....	Norfolk, Va.
Cheatham, Walter Hughart.....	Wirtz, Franklin Co., Va.
Chisholm, Walter Scott.....	Charlottesville, Albemarle Co., Va.
Christian, Jack Charles.....	Hampton, Va.
Christian, William Turner.....	Hampton, Va.
Clarke, Al Bernice.....	Dendron, Surry Co., Va.
Clarke, Thomas Clifford.....	Church Road, Dinwiddie Co., Va.
Cleaton, Charles Willie.....	LaCrosse, Mecklenburg Co., Va.
Cline, Fayette Funk.....	Newport News, Va.
Close, William Kenneth.....	Williamsburg, Va.
Coleman, Janet Haldane.....	Williamsburg, Va.
Conley, Thelma Augusta.....	Crewe, Nottoway Co., Va.
Connellee, Edgar Linwood.....	Senora, Lancaster Co., Va.
Conner, Elmer Edgar.....	Simpson's, Floyd Co., Va.
Conway, James Anderson, Jr.....	Chatham, Pittsylvania Co., Va.
Cooke, Alva Hobson.....	Hampton, Va.
Cooper, Frederick Waldemar.....	Westfield, New Jersey.
Copeland, Richard Watson.....	Hampton, Va.
Cowles, John Bertram.....	Toano, James City Co., Va.
Cox, James Glenn.....	Dugspur, Carroll Co., Va.
Cox, William Jennings.....	Odd, York Co., Va.
Davenport, Leslie Bryan.....	Abingdon, Washington Co., Va.
Davies, Ernest William.....	Westfield, New Jersey.
Davis, Charlotte Estelle.....	Coan, Northumberland Co., Va.
Davis, Lewis Edward.....	Newport News, Va.
Davis, Reginald George.....	Hackensack, New Jersey.
Davis, William Edwin.....	Hicks Wharf, Mathews Co., Va.
Dennis, Catherine Teackle.....	Suffolk, Nansemond Co., Va.
Derr, Morris William.....	Emaus, Pennsylvania.
Dickinson, William Andrew.....	Hillsville, Carroll Co., Va.
Downing, George Alfonso.....	Ettrick, Chesterfield Co., Va.
Duff, Charlie Dwight.....	Quinque, Greene Co., Va.
Duff, Herbert Lawrence.....	Quinque, Greene Co., Va.
Duke, Charles Aurelius, Jr.....	Portsmouth, Va.
Duling, Annie Hughes.....	Clifton Forge, Alleghany Co., Va.
Eades, Mary Elizabeth.....	Port Norfolk, Norfolk Co., Va.
East, Otey Bernard.....	Chatham, Pittsylvania Co., Va.

Eifert, Leota Pauline.....	Waverly, Iowa.
Elder, Sue Wilbourne.....	Reedville, Northumberland Co., Va.
Elliot, Albert Pettigrew.....	Suffolk, Nansemond Co., Va.
Engels, Frederic Letteau.....	Norfolk, Va.
Faison, James Oscar.....	Disputanta, Prince George Co., Va.
Farmer, William Wilkins.....	Virgilina, Halifax Co., Va.
Farrar, James Cannon.....	Drakes Branch, Charlotte Co., Va.
Fentress, Herbert Smith.....	Norfolk, Va.
Fifer, Ursher Lee.....	Weyers Cave, Augusta Co., Va.
Finks, Zella Bowdon.....	Culpepper, Culpepper Co., Va.
Fisher, John Boshier.....	Midlothian, Chesterfield Co., Va.
Floyd, Edward Dudley, Jr.....	Westfield, New Jersey.
Foster, Malcolm Dewey.....	Bertrand, Lancaster Co., Va.
Frost, John Frederick, Jr.....	Newport News, Va.
Fulcher, Oscar Hugh.....	Sandidges, Amherst Co., Va.
Garber, Walter Edward.....	Palls, King William Co., Va.
Garnett, James Hugh.....	Buckingham, Buckingham Co., Va.
Garrett, Charles Duncan.....	Rocky Mount, Franklin Co., Va.
Garrett, Van Franklin, Jr.....	Williamsburg, Va.
Gibson, Claude Lester.....	Cleveland, Russell Co., Va.
Giles, Jesse Alan.....	Washington, N. C.
Gill, Fannie Lou.....	Roanoke, Va.
Gilliam, Mary Elizabeth.....	Williamsburg, Va.
Green, Julia Elliot.....	Saxe, Charlotte Co., Va.
Goad, Robley Roosevelt.....	Hillsville, Carroll Co., Va.
Goslee, Alpheus Herman.....	Irvington, Lancaster Co., Va.
Green, Edwin S. Hunter.....	Amisville, Rappahannock Co., Va.
Gunn, Savala Eustace.....	Sutherland, Dinwiddie Co., Va.
Haile, Anna Waring.....	Minor, Essex Co., Va.
Haile, Mary Virginia.....	Minor, Essex Co., Va.
Haile, Robert Gaines, Jr.....	Minor, Essex Co., Va.
Hall, Arthur Edmond.....	Norfolk, Va.
Hall, Emily Moore.....	Williamsburg, Va.
Hall, George Stanley.....	Norfolk, Va.
Hall, Snowden Cowman.....	Lynhams, Northumberland Co., Va.
Hamilton, Ethel Louise.....	Hampton, Va.
Hammell, John Hopkins.....	Morattico, Lancaster Co., Va.
Harper, Robert Curtis.....	Richmond, Va.
Harris, Ruth May.....	South Richmond, Va.
Harris, Theodosia Elizabeth....	Walnut Point, Northumberland Co., Va.
Harrison, Harry Tucker.....	Cartersville, Cumberland Co., Va.
Harwood, Wallace Smith.....	Newport News, Va.
Hatfield, Harold Elvan.....	Newport News, Va.
Havens, Henry Albert.....	McKenney, Dinwiddie Co., Va.
Henderson, John Walston.....	Williamsburg, Va.
Henderson, Upshur Kerr.....	Bridgetown, Northampton Co., Va.

Henley, John Turner.....	Williamsburg, Va.
Henley, Richard Leonard.....	Williamsburg, Va.
Henley, William Thomas.....	Tappahannock, Essex Co., Va.
Hillard, Major McKinley.....	Portsmouth, Va.
Hogg, Olion Lynwood.....	Hampton, Va.
Holmes, Dennis Franklin.....	South Shore, N. C.
Holmes, Howard Stuart.....	Delaplane, Fauquier Co., Va.
Hopkins, Aubrey Edwin.....	Portsmouth, Va.
Hoskins, William Hume.....	Dunnsville, Essex Co., Va.
Hudgins, John Edward.....	Hampton, Va.
Hudson, Benjamin Harrison.....	Lahore, Orange Co., Va.
Hudson, Edward Dewey.....	Lahore, Orange Co., Va.
Hudson, John Guy.....	Lahore, Orange Co., Va.
Hudson, Walter Robert.....	Lahore, Orange Co., Va.
Huffman, Edward Brewer.....	Newport News, Va.
Huffman, Richard Brewer.....	Newport News, Va.
Hughes, James Aubrey.....	Portsmouth, Va.
Hutchings, Catherine Myree.....	Norfolk, Va.
Jarman, Joseph Lindsay, Jr.....	Farmville, Va.
Jeffreys, Edward Goode.....	Chase City, Mecklenburg Co., Va.
Jennings, George Alvan Chapman.....	Toano, James City Co., Va.
Jennings, Robert Cleveland.....	Cartersville, Cumberland Co., Va.
Johnson, Arthur Warren.....	Lynn, Mass.
Johnson, John Edgar.....	Hampton, Va.
Johnson, Trixie Hattie.....	N. Emporia, Greenville Co., Va.
Johnston, William Carlisle.....	Williamsburg, Va.
Jones, Charles Bland.....	Blackstone, Nottoway Co., Va.
Joyce, Claude Alexander.....	Shuff, Patrick Co., Va.
Joyner, Alexander David.....	Courtland, Southampton Co., Va.
Joyner, Moses Butler.....	Courtland, Southampton Co., Va.
Juchhoff, Edna Z.....	Williamsburg, Va.
Kennedy, Blanche Lucile.....	Cleveland, Russell Co., Va.
Kenney, Reginald Arthur.....	Utica, New York.
King, Lloyd Nathaniel.....	Rescue, Isle of Wight Co., Va.
King, May Evelyn.....	Rescue, Isle of Wight Co., Va.
Kohout, Bozena Vlasta.....	Meadow, Henrico Co., Va.
Kohout, Marie Agnes.....	Meadow, Henrico Co., Va.
Land, William Edwin.....	Surry, Surry Co., Va.
Lanford, Ruth Ossie.....	Apple Grove, Louisa Co., Va.
Lawson, Thelma Eugenia.....	Drakes Branch, Charlotte Co., Va.
Lee, Edward Myers, Jr.....	Williamsburg, Va.
Lee, Elizabeth.....	Williamsburg, Va.
Lee, Margaret Marion.....	Williamsburg, Va.
Lewis, Henry Martin.....	Lynchburg, Va.
Lewis, Mary Hortense.....	Hallwood, Accomac Co., Va.
Little, Alexander Porter.....	Bramwell, W. Va.

43

Lockwood, Louise	Williamsburg, Va.
Lohr, Edwin Wallace	Brightwood, Madison Co., Va.
Love, Virginius Jeffres	Kenbridge, Lunenburg Co., Va.
Lowe, Ottowell Sykes	South Norfolk, Va.
Lyons, John Coriden	Spotsylvania C. H., Va.
Manson, Fletcher Sommerfield	Kenbridge, Lunenburg Co., Va.
Manson, Waverly Sidney	Kenbridge, Lunenburg Co., Va.
Marable, William Irvine	Finneywood, Mecklenburg Co., Va.
Marks, Rosalind	Claremont, Surry Co., Va.
Marks, Walker Lee	Claremont, Surry Co., Va.
Marshall, Dewey Hobson	Hillsville, Carroll Co., Va.
Massey, Tony George	Newport News, Va.
Marston, Lucille	Toano, James City Co., Va.
Moore, Gerard	Williamsburg, Va.
Moorman, Chapman Socrates	Moneta, Bedford Co., Va.
Morrisette, Harold Mebane	Charlotte C. H., Va.
Murphy, Mabel	Portsmouth, Va.
Musick, Albert Ross	Cleveland, Russell Co., Va.
Myrick, Leon Stanley	Boykins, Southampton Co., Va.
McMurran, Mary Elizabeth	Portsmouth, Va.
McWhorter, Marion Fields	Macon, Ga.
Neblett, James MacFarland	South Hill, Mecklenburg Co., Va.
Nunn, Vernon Leslie	Norge, James City Co., Va.
Oliver, William Wallace	Fincastle, Botetourt Co., Va.
Owen, Richard Andrew	Clarksville, Mecklenburg Co., Va.
Owen, Robin Hartwell	Wylliesburg, Charlotte Co., Va.
Palmer, Evelyn Virginia	Suffolk, Nansemond Co., Va.
Parrish, Ratling Jack	Kenbridge, Lunenburg Co., Va.
Pate, Elizabeth Caroline	Parksley, Accomac Co., Va.
Peake, Ward Day	Rocky Mount, Franklin Co., Va.
Pearson, Paul Chester	Enfield, King William Co., Va.
Person, Alice Saunders	Williamsburg, Va.
Pettis, James Brooke	Norfolk, Va.
Phillips, Jesse Choate	Roslyn, Baltimore Co., Md.
Pierce, Chester Gaver	Alexandria, Va.
Pierce, Edwin Hammond	Alexandria, Va.
Piland, Mills Raymond	Newport News, Va.
Pleasants, Anna Brooke	Leesburg, Loudoun Co., Va.
Pollard, John Garland, Jr.	Richmond, Va.
Powell, Wilma Virginia	Suffolk, Nansemond Co., Va.
Price, George Lynwood	Newport News, Va.
Pride, Frances Lucile	Williamsburg, Va.
Pride, Robert Hinton	Williamsburg, Va.
Pride, Thelma Virginia	Williamsburg, Va.
Pride, William Harvey	Williamsburg, Va.
Pucket, Reina Mercedes	Norfolk, Va.

Pullen, William Edward.....	Martinsville, Henry Co., Va.
Purcell, Thorpe Lauros.....	Richmond, Va.
Quillen, Rudolph Garland.....	Gate City, Scott Co., Va.
Ramsey, Alvah Drew.....	Norfolk, Va.
Reed, Walter Josselyn.....	Philadelphia, Pa.
Reeve, Dorothy Morris.....	Williamsburg, Va.
Reid, Edna Widgen.....	Norfolk, Va.
Reynolds, Hilda Ann.....	Coan, Northumberland Co., Va.
Rice, Emily Morton.....	Charlotte Courthouse, Va.
Riddell, Mary Elizabeth.....	Louisa, Louisa Co., Va.
Roach, Curtis Terrell.....	Surry, Surry Co., Va.
Robinson, Patrick Alexander.....	King William C. H., Va.
Rorrer, Charles Ernest.....	Toms Creek, Wise Co., Va.
Rowell, Walter Wallace.....	Newport News, Va.
Ruffin, Mary Beverly.....	Old Church, Hanover Co., Va.
Sapp, Frederick Augustus.....	Berkley, Norfolk Co., Va.
Scheie, Inger Sophia.....	Williamsburg, Va.
Schenck, Walter Clarke.....	Norfolk, Va.
Scott, Elizabeth Beverly.....	Ewell, James City Co., Va.
Scott, John Randolph.....	Vinita, Goochland Co., Va.
Semones, Louis Raymond.....	Hillsville, Carroll Co., Va.
Settle, Lunsford Healy..	Templeman Cross Roads, Westmoreland Co., Va.
Shell, Golden Ruth.....	White Stone, Lancaster Co., Va.
Shipman, Charlotte Miles.....	Williamsburg, Va.
Shumate, Mary Helm.....	Leesburg, Loudoun Co., Va.
Sibley, Richard Cecil.....	Newport News, Va.
Simmons, Leslie Walter.....	Newsoms, Southampton Co., Va.
Sisson, Nelson White.....	Williamsville, Bath Co., Va.
Sisson, Raymond.....	Emmertown, Richmond Co., Va.
Smith, Howard Chandler.....	Gate City, Scott Co., Va.
Smith, James Bathurst, Jr.....	Sharps, Richmond Co., Va.
Smoot, Otho Perry.....	Bowling Green, Caroline Co., Va.
Snyder, William Seth.....	Milton, N. C.
Somerville, Louis Randolph.....	Norwood, Nelson Co., Va.
Spain, Herbert Lee.....	Church Road, Dinwiddie Co., Va.
Stallard, Clinton Wolfe.....	Coeburn, Wise Co., Va.
Stanley, Josiah Albert.....	Mayberry, Patrick Co., Va.
Starnes, Millard Filmore.....	Hill Station, Scott Co., Va.
Stebbins, Miles Cary.....	Paces, Halifax Co., Va.
Stephens, Allie Edw. Stokes..	Wicomico Church, Northumberland Co., Va.
Stout, John Harris.....	Crozet, Albemarle Co., Va.
Stowitts, Emery Voorhees Phinier.....	Canajohari, N. Y.
Stratton, Mabel.....	Charlottesville, Albemarle Co., Va.
Straughan, Howard Randolph....	Heathsville, Northumberland Co., Va.
Stringfellow, Frances.....	Charlottesville, Albemarle Co., Va.
Swift, Stuart Carlton.....	Buckner, Louisa Co., Va.



Tatem, Mary Nash.....	Norfolk, Va.
Temple, Roy Roosevelt.....	Crichton, Brunswick Co., Va.
Tennis, Clyde William.....	Hampton, Va.
Tennis, Le Grand.....	Phoebus, Elizabeth City Co., Va.
Tennis, Melvin.....	Phoebus, Elizabeth City Co., Va.
Terrell, Dorothy Louise.....	Roanoke, Va.
Thompson, Russell Randolph.....	Dutton, Gloucester Co., Va.
Thomson, Virginia Elizabeth.....	Goode, Bedford Co., Va.
Topping, Clarence Edward.....	Odd, York Co., Va.
Tyler, David Gardiner.....	Holdcroft, Charles City Co., Va.
Van Laer, Elizabeth Memory.....	Charlottesville, Va.
Vaughan, Ruth Christian.....	Richmond, Va.
Waldrop, Martin Adolph.....	Cardwell, Goochland Co., Va.
Wallace, Robert Perry.....	Hampton, Va.
Walton, Theodore Garnett.....	Berkley, Norfolk Co., Va.
Ward, Lynwood Thomas.....	Bird's Nest, Northampton Co., Va.
Ward, William Fred.....	Galax, Grayson Co., Va.
Warren, Cowles Hubbard.....	Toano, James City Co., Va.
Warren, Leonard Hobbs.....	Portsmouth, Va.
Waters, Louise Virginia.....	Germantown, Md.
Weddle, William McKinley.....	Cambria, Montgomery Co., Va.
West, John Thomas.....	Hickory, Norfolk Co., Va.
White, Fairmount Richmond.....	Norfolk, Va.
White, Irving Hamilton.....	Williamsburg, Va.
Whitehead, Winton.....	Chesapeake, Northampton Co., Va.
Whitehurst, Wilson Speight.....	Princess Anne, Princess Anne Co., Va.
Wilkes, Louise Miller.....	Churchville, Augusta Co., Va.
Wilkins, Marie Hovey.....	Newport News, Va.
Willis, Edward Tyler.....	LaCross, Mecklenburg Co., Va.
Wilshin, Francis Folliard.....	Irrington, Lancaster Co., Va.
Wirt, Henrietta Mary Randolph.....	Oak Grove, Westmoreland Co., Va.
Witten, Thomas Rawl.....	Witten's Mills, Tazewell Co., Va.
Wood, Edward William.....	Claremont, Surry Co., Va.
Woodward, Bettie Purkins.....	Saluda, Middlesex Co., Va.
Wornham, Vernon Escridge.....	Hampton, Va.
Young, Thomas James, Jr.....	Disputanta, Prince George Co., Va.
Young, Whiting Faulkner.....	Hampton, Va.
Zehmer, John Aduam.....	McKenney, Dinwiddie Co., Va.
Zirkle, Dorothy Lamb.....	Staunton, Augusta Co., Va.
Zollinger, Carl Albert.....	Chase City, Mecklenburg Co., Va.

## Summer Session, 1919

---

Alexander, H. C., Jr.....	Tunstall, Va.
Armistead, Dora .....	Williamsburg, Va.
Armistead, Cara.....	Williamsburg, Va.
Armistead, Julia.....	Williamsburg, Va.
Bennett, Gladys.....	Williamsburg, Va.
Bennett, Loren.....	Williamsburg, Va.
Binns, Mrs. Russell J.....	Williamsburg, Va.
Blanks, James William.....	Clarksville, Va.
Bridges, Margaret Florence.....	Williamsburg, Va.
Bridges, James Malcolm.....	Williamsburg, Va.
Brooks, Bertha.....	Williamsburg, Va.
Calkins, Nellie.....	Williamsburg, Va.
Carneal, James Durette.....	Richmond, Va.
Coleman, Cynthia.....	Williamsburg, Va.
Coleman, Mrs. George Preston.....	Williamsburg, Va.
Crawford, Mrs. Richard M.....	Williamsburg, Va.
Elliott, Albert Pettigrew.....	Suffolk, Va.
Farrar, James Cannon.....	Drakes Branch, Va.
Fisher, John Bosher.....	Midlothian, Va.
Fitzgerald, Mrs. Littleton.....	Williamsburg, Va.
Galt, Mary Ware.....	Williamsburg, Va.
Gilliam, Mary .....	Williamsburg, Va.
Guy, Vernon Lee.....	Hampton, Va.
Hall, Emily Moore.....	Williamsburg, Va.
Hall, Mrs. Margaret L.....	Williamsburg, Va.
Henderson, Etta .....	Williamsburg, Va.
Jones, E. Ruffin, Jr.....	Williamsburg, Va.
Johnson, Arthur Warren.....	Lynn, Mass.
Lee, Edward .....	Williamsburg, Va.
Lee, Elizabeth .....	Williamsburg, Va.
Lee, Margaret .....	Williamsburg, Va.
Lee, Rosebud .....	Williamsburg, Va.
Major, Everett Waverly.....	Stormont, Va.
Moore, Gerard.....	Williamsburg, Va.
Moore, Jean .....	Williamsburg, Va.
Morris, Bessie .....	Williamsburg, Va.
Owen, Robin Hartwell.....	Wyliesburg, Va.
Peachy, Mrs. Grace .....	Williamsburg, Va.
Person, Alice .....	Williamsburg, Va.
Person, William .....	Williamsburg, Va.

Pride, William Harvey.....	Williamsburg, Va.
Reeve, Dorothy .....	Williamsburg, Va.
Reeve, Mrs. Robert.....	Williamsburg, Va.
Scott, Elizabeth .....	Ewell, Va.
Scheie, Inger .....	Williamsburg, Va.
Shafer, Mrs. Ruth.....	Williamsburg, Va.
Simmons, Leslie Walter.....	Newsoms, Va.
Smith, Edith.....	Williamsburg, Va.
Stover, Joseph Daniel.....	Philadelphia, Pa.
Thorpe, Herbert.....	Williamsburg, Va.
Underwood, Joseph Thomas.....	Benn's Church, Va.
Vaughan, Mrs. C. W.....	Williamsburg, Va.
Warren, Lloyd Earl.....	Portsmouth, Va.
Warren, Leonard Hobbs.....	Portsmouth, Va.
Warburton, Madeline.....	Williamsburg, Va.
Webb, Nathaniel Jarratt.....	Ivor, Va.
Whitehurst, Wilson Speight.....	Princess Anne, Va.
Williams, Mrs. Carrie Vaughan.....	Williamsburg, Va.

Number of students at the College..... 333

Number of students at the Summer Session..... 58

Number of students in Extension Division (pages 91-94), 238

---

Total ..... 629

Counted twice..... 25

---

Total enrollment..... 604

## Students by Classes

---

### CLASS OF 1923

Abernathy, L. D.	Davenport, L. B.
Ackiss, P. W.	Davies, E. W.
Ammons, F. E.	Davis, L. E.
Anderson, F. L.	Davis, W. E.
Andrews, W. E.	Davis, Charlotte E.
Badgett, S. B.	Dickinson, W. A.
Ball, C. R.	Downing, G. A.
Barker, K. B.	Duling, Anna H.
Belanger, A. B.	Eades, Mary E.
Bentley, G. C.	East, O. B.
Benschoten, Josephine A.	Engels, F. L.
Benschoten, Winifred C.	Eifert, Leota P.
Berger, Elizabeth L.	Elder, Sue W.
Blakey, Madeline C.	Faison, J. O.
Blizzard, Virginia W.	Fifer, U. L.
Bond, W. S.	Finks, Zella B.
Bond, R. DeWitt	Fisher, J. B.
Bridges, J. M.	Floyd, E. D.
Bridgeforth, J. W.	Frost, J. F.
Brooks, Bertha	Fulcher, O. H.
Burch, E. F.	Garnett, J. H.
Burch, W. T.	Garrett, C. D.
Burden, Royce	Gibson, C. L.
Burfoot, J. D.	Gill, Fanny L.
Campbell, R. D.	Gilliam, Mary E.
Cheatham, Maude V.	Goad, R. R.
Chisholm, W. S.	Green, Julia E.
Christian, J. C.	Gunn, S. E.
Christian, W. T.	Haile, R. G.
Clarke, T. C.	Haile, Anna W.
Cleaton, C. W.	Hall, G. S.
Cline, F. F.	Hall, A. E.
Conley, Thelma A.	Hall, S. C.
Cooke, A. H.	Hamilton, Ethel L.
Cooper, F. W.	Harris, Elizabeth T.
Cowles, J. B.	Harwood, W. S.
Cox, J. G.	Hatfield, H. E.
Cox, W. J.	Havens, H. A.

Henley, W. T.  
Henderson, U. K.  
Hogg, O. L.  
Holmes, D. F.  
Hudgins, J. E.  
Hudson, B. H.  
Huffman, E. B.  
Huffman, R. B.  
Hughes, J. A.  
Hutchings, Myree C.  
Jarman, J. L.  
Jennings, R. C.  
Johnson, Trixie H.  
Jones, C. B.  
Joyner, M. B.  
Kenney, R. A.  
Kennedy, Blanche L.  
King, May E.  
Kohout, Bozena V.  
Kohout, Marie A.  
Land, W. E.  
Lanford, Ruth O.  
Lawson, Thelma E.  
Lewis, Hortense  
Little, A. P.  
Lockwood, Louise  
Lohr, E. W.  
Lowe, O. S.  
Marks, Rosalind  
Marks, W. L.  
Marshall, D. H.  
Marston, Lucile  
Massey, T. G.  
Moore, Gerard  
Morrissette, H. M.  
Murphy, Mabel M.  
McMurran, Elizabeth M.  
McWhorter, Marion F.  
Myrick, L. S.  
Nunn, V. L.  
Oliver, W. W.  
Pate, Elizabeth C.  
Pearson, P. C.  
Peake, W. D.  
Pettis, J. B.  
Pierce, E. H.

Piland, M. R.  
Pleasants, Anna B.  
Pollard, J. G.  
Powell, Wilma V.  
Pride, Thelma V.  
Pride, R. H.  
Puckett, Reina M.  
Pullen, W. E.  
Quillen, R. G.  
Ramsey, A. D.  
Reed, W. J.  
Reeve, Dorothy M.  
Reynolds, Hilda  
Rice, Emily M.  
Riddell, Mary E.  
Roach, C. T.  
Robinson, P. A.  
Rorrer, C. E.  
Rowell, W. W.  
Ruffin, Mary B.  
Scheie, Inger S.  
Schenck, W. C.  
Scott, J. R.  
Semones, L. R.  
Sisson, N. W.  
Shell, Ruth G.  
Shipman, Charlotte  
Shumate, Mary H.  
Smoot, A. P.  
Stallard, C. W.  
Stratton, Mabel E.  
Straughan, H. R.  
Stebbins, Cary M.  
Stringfellow, Frances  
Swift, S. C.  
Tatem, Mary N.  
Terrill, Dorothy L.  
Temple, R. R.  
Tennis, L. G.  
Tennis, Melvin H.  
Topping, C. E.  
Thomson, Virginia  
Van Lear, Elizabeth M.  
Vaughan, Ruth C.  
Ward, L. T.  
Warren, C. H.

Waters, Louise W.  
 Weddle, W. M.  
 West, J. T.  
 Wilkes, Louise M.  
 Wirt, Mary H. R.  
 Woodward, Bettie P.  
 White, I. H.  
 White, F. R.  
 Whitehead, William

Wilshin, F. F.  
 Witten, T. R.  
 Wood, E. W.  
 Wornham, V. E.  
 Young, T. J.  
 Young, W. F.  
 Zehmer, J. A.  
 Zirkle, Dorothy L.

## CLASS OF 1922

Allen, H. H.  
 Barksdale, Martha E.  
 Barnes, H. C.  
 Berl, F. J.  
 Bland, J. R.  
 Bridges, Margaret F.  
 Briggs, R. C.  
 Burcher, M. C.  
 Burke, Alice R.  
 Cashion, Ruth E.  
 Chandler, F. F.  
 Close, W. K.  
 Coleman, Janet H.  
 Conner, E. E.  
 Dennis, Catherine T.  
 Duff, H. L.  
 Giles, J. A.  
 Haile, Mary V.  
 Hammell, J. H.  
 Harris, Ruth M.  
 Harrison, H. T.  
 Henderson, J. W.  
 Henley, J. T.  
 Hopkins, A. E.  
 Hoskins, W. W.  
 Hudson, J. G.  
 Jennings, G. A.

King, L. N.  
 Lee, Elizabeth  
 Lee, E. M.  
 Lee, Margaret  
 Marable, W. I.  
 Moorman, C. S.  
 Neblett, J. M.  
 Owen, R. A.  
 Palmer, Evelyn  
 Person, Alice S.  
 Pierce, C. G.  
 Pride, W. H.  
 Purcell, T. L.  
 Reid, Edna W.  
 Scott, Elizabeth B.  
 Settle, L. H.  
 Sibley, R. C.  
 Sommerville, L. R.  
 Snyder, W. S.  
 Starnes, M. F.  
 Stephens, A. E. S.  
 Tennis, C. W.  
 Waldrop, M. A.  
 Walton, T. C.  
 Whitehurst, W. S.  
 Willis, E. T.  
 Wilkins, Marie H.

## CLASS OF 1921

Akers, I. D.  
 Bennett, Loren  
 Bridges, H. L.  
 Brown, Lucile  
 Clarke, A. B.

Conway, J. A.  
 Derr, M. W.  
 Duke, C. J.  
 Foster, M. D.  
 Garber, W. E.

Goslee, A. H.  
Green, E. S. H.  
Henley, R. L.  
Holmes, H. S.  
Hudson, E. D.  
Hudson, W. R.  
Johnson, A. W.  
Joyner, A. D.  
Musick, A. R.

Owen, R. H.  
Price, G. L.  
Smith, J. B.  
Spain, H. L.  
Stanley, J. A.  
Stowitts, E. V. P.  
Thompson, R. R.  
Ward, W. F.  
Zollinger, C. A.

## CLASS OF 1920

Boyer, W. H.  
Brooks, J. A.  
Bush, L. E.  
Carneal, J. D.  
Cheatham, W. H.  
Chappell, J. R.  
Connellee, E. L.  
Copeland, R. W.  
Farmer, W. W.  
Fentress, H. S.  
Garrett, Van F.

Hillard, M. M.  
Joyce, C. A.  
Lewis, H. M.  
Love, V. J.  
Lyons, J. C.  
Parrish, R. J.  
Sisson, Raymond  
Smith, H. C.  
Tyler, D. G.  
Wallace, R. P.

## GRADUATE STUDENTS

Elliott, A. P.  
Juchhoff, Edna Z.

Simmons, L. W.

## SPECIAL STUDENTS

Almand, C. A.  
Davis, R. G.  
Duff, C. D.  
Farrar, J. C.  
Hall, E. M.  
Harper, R. C.

Jeffreys, E. G.  
Johnson, J. E.  
Phillips, J. C.  
Sapp, F. A.  
Stout, J. H.  
Warren, L. H.

## SPECIAL STUDENTS IN HOME ECONOMICS AND BUSINESS

Bennett, Mrs. H. E.  
Bogert, Alice V.  
Brown, Mrs. G. W.  
Brooks, Mrs. A.  
Corcillius, Josephine  
Crutchfield, Mrs. L. G.

Davis, Mrs. C. H.  
Dovell, Mrs. G. A.  
Emory, Rosa B.  
Friend, Mrs. C. A.  
Geiger, Mrs. J. R.  
Graham, Lena May

Grimes, Mrs. C. E.  
Henley, Mrs. N. L.  
Lane, Mrs. James  
Lane, Mrs. L. W., Jr.  
Long, Ethel  
Mahone, Mrs. R. W.  
Moncure, Mary C.

Morton, Mrs. R. L.  
Shipman, Mrs. M. T.  
Sweeney, Mrs. H. M.  
Thorpe, Hazel H.  
Watts, Mrs. R. B.  
Williams, Geo. W.



## History

---

CHARTERED in 1693 by an English king and queen, and bearing their names, the College of William and Mary, fostered by royalty and the care of the Bishop of London, soon became associated with all the activities of early Virginia. Its dormitories bear the name of the English estate of the Brafterton in Yorkshire, on the one hand, and on the other the names of Virginia's distinguished sons, Ewell, Taliaferro and Tyler. The president's house, accidentally destroyed by fire, was restored at the private cost of a king of France, and the statue of the popular royal governor, Lord Botetourt, still stands on a campus made sacred by the footsteps of the patriots, Washington, Jefferson, Marshall and Monroe.

The college lived on with a fair degree of success under its first president, Dr. James Blair, until October 29, 1705, when it was unfortunately burned. The work of teaching went forward in spite of this disaster, and in 1711 the college had been rebuilt upon the old walls; with the addition in 1723 of the new Brafterton building, which was at first used as the Indian School. Later the south wing was added to the college building for a chapel, in 1732, and in the same year the foundation of the president's house was laid.

President Blair, by whom the college had been chiefly founded and through whose abilities it had prospered, died in 1743; and the Professor of Moral Philosophy, Dr. William Dawson, succeeded him as president. It was during President Dawson's administration that George Washington received his appointment from the college as county surveyor for Fairfax. In 1750 the Flat Hat Club was established. This was the first college club of which there is any record. Thomas Jefferson was a member of this club. The next president was the historian of Virginia, William Stith, who came to the office after Dr. Dawson's death in 1752.

Through a checkered career, as full of strife as of usefulness, the college, with a faculty of seven, went on in her labors, training men for the important struggle that was to come. During

this period the presidents were Rev. Thomas Dawson, 1755-61; Rev. William Yate, 1761-'64; Rev. James Horrocks, 1764-'71; and Rev. John Camm, 1771-'77. During Camm's administration, Lord Botetourt in 1771 donated a number of medals to the college, which were the first to be awarded in America as collegiate prizes. On December 5, 1776, the famous Phi Beta Kappa, the first and most distinguished of all Greek-letter fraternities, was founded by students of the college.

The character of the students of this early period of William and Mary's history may be judged by the influence of its alumni upon the making of the nation; three presidents of the United States attended class at the college: Jefferson, Monroe and Tyler, and of these, two were students before the Revolution. Fifteen governors of Virginia were from these halls, and some of the most distinguished among them, Jefferson, Benjamin Harrison, the Randolphs and John Page, were of the early years. Four signers of the Declaration of Independence, and Marshall, Blair, Bushrod Washington and Philip P. Barbour, of the Supreme Bench, swell the honor roll of those bygone days. Many as the distinguished sons of the college in later years have been, no period in its history has equaled in results the pre-Revolutionary times.

Throughout the Revolution the college continued its exercises save for a short period at the time of the Yorktown campaigns, when Williamsburg became for a while almost the center of the Revolution. The president's house suffered by fire, after having been the headquarters of Lord Cornwallis. As it was burned during its occupation by the French, it was restored at their expense.

In 1777 Rev. James Madison was elected president, and under his energetic management the college entered upon a new era. At this time Thomas Jefferson became a member of the Board of Trustees of the college, and put into operation many of his educational ideas. The college was changed to a university, and schools of modern language and municipal law—the first of their kind in America—were introduced. A general lecture system was instituted and free election was permitted among the courses offered. The principles of the honor system may also be discerned at this time. George Wythe, the professor of law, and James McClurg, professor of medicine, vied with President Madison in distinction. Although President Madison became the first bishop of the Episcopal Church in Virginia, the college never

resumed its connection with the denomination after the Revolution.

President Madison died in 1812, having held the presidency since his twenty-eighth year; and the college suffered another loss in the transference of Jefferson's patronage soon afterward to his projected university at Charlottesville. The first presidents who followed were Rev. John Bracken, 1812-'14; John Augustine Smith, M. D., 1814-'26; Rev. William H. Wilmer, 1826-'27; Rev. Adam Empire, 1827-'36, and Thomas R. Dew, 1836-'46.

Under President Dew and a remarkably able faculty the attendance was increased to 140 in 1839, a larger number than had hitherto attended the college during any session. A brief period of internal strife was followed by a revival of strength and influences under Presidents Johns and Ewell. The presidents after Dew were Robert Saunders, 1846-'47; Benjamin S. Ewell, 1848; Bishop John Johns, 1849-'54, and B. S. Ewell, 1854-'88. In 1859 the main building of the college was burned for the second time, and the precious contents of the library destroyed. The war brought a suspension of the work of the college in 1861, and during the civil strife the main building was destroyed by fire for the third time while occupied by Federal soldiers.

The Federal Government reimbursed the college for this loss in 1893.

After the war the college opened in 1865, with Colonel Benjamin S. Ewell again acting as president. An effort to remove the college to Richmond was defeated, and the burnt buildings were restored; but for financial reasons the work of the college was suspended from 1881 until 1888.

With the assistance of the State, there was a reorganization in 1888, with Lyon G. Tyler as president. A period of new life and usefulness was begun, and soon the college reached the most prosperous state in its history. In 1906 the college became strictly a State institution, operated by a board appointed by the Governor of Virginia. Since the reopening of the college many new buildings have been erected and the number of professorships greatly increased. A gymnasium, infirmary, science hall, library, two dormitories, a dining-hall, and power house were built, and the working apparatus of every department is constantly being improved. The student body itself has increased in numbers, and is more satisfactory prepared; the standard of requirements for entrance into college work and for the attainment of degrees has been materially raised. A spirit of wholesome growth and

advancement is felt throughout the entire body-corporate of the institution.

Dr. Tyler retired from active service in 1919 and became president emeritus. He was succeeded by Dr. Julian A. C. Chandler, who assumed the duties of the office on July 1, 1919.

---

## Buildings and Grounds

### MAIN COLLEGE BUILDING AND PRESIDENT'S HOME

The main college building, built originally according to plans drawn by Sir Christopher Wren, is the largest and oldest of the buildings, and most of its walls are those of the original structure of 1693. In this building are the lecture rooms of English, Latin and Greek, Mathematics, Modern Languages, Philosophy, Education, Economics, Political Science and History, and Finance and Business Administration. The south wing of this building is the chapel, in which there are many interesting portraits, with tablets erected to the memory of distinguished alumni. The north wing, where the House of Burgesses held its sessions in 1704-'05 and in 1748-'52, is used by the departments of Industrial Arts, Fine Arts and Sewing. In the southeast corner of the first floor are found the college offices all grouped together.

In front of the main building and to the north is the president's house. It was built in 1732, and has been the residence since that time of the successive presidents of the institution.

### LIBRARY AND SCIENCE HALL

The library building, made possible by the generosity of friends of the college, was completed in 1908. It is a one-story brick building with stone trimmings. The reading room, eighty feet in length by thirty feet in breadth, occupies the front of the building. The stack room and fire-proof vault occupy the north wing. The library contains more than twenty thousand volumes, many of them very rare. To these many volumes are added every year.

Science Hall, erected in 1905, is located on the north side of the campus, and contains the departments of Chemistry, Biology, Physics and Domestic Science. The departments of Chemistry and Physics occupy the first floor and the departments of Biology and Domestic Science occupy the second floor.

### BOYS' DORMITORIES

There are four dormitories for boys, with accommodations for more than two hundred students. The oldest of these is Brafferton Hall, situated in front and to the south of the main building. It was built from funds derived from the estate of the Honorable Robert Boyle, the distinguished natural philosopher, who in his will had provided that 4,000 pounds sterling of his money should be employed in "pious and charitable uses." Dr. Blair, the first president of the college, who was in England at the time of Boyle's death, urged the Earl of Burlington, Boyle's nephew and executor to direct the fund to the support of an Indian School at the college. Burlington invested the fund in an English manor called "the Brafferton in Yorkshire," from which most of the rents were go to the college in Virginia. Brafferton Hall was built in 1723 from the proceeds of the Brafferton estate and was used for an Indian School until 1793. It is now used as a dormitory and affords accommodations for from twenty-four to thirty-six students.

The three other dormitories are situated on the south side of the main thoroughfare leading to Jamestown. The Ewell and Taliaferro dormitories have been remodeled recently so that the rooms are very comfortable and modern. These two dormitories accommodate one hundred and twenty students.

The newest of the dormitories is Tyler Hall, built in the summer of 1916. It is a three-story brick building containing twenty-seven very large, airy rooms, some of which have separate study and sleeping apartments. The building is constructed in two distinct units, thereby avoiding the noise incident to long corridors. This hall is distinctly modern in all its equipment.

All the dormitories are heated with steam and lighted with electricity, and all rooms are supplied with pure running water, hot and cold, from the artesian well on the campus. The rooms are also supplied with the necessary furniture, consisting of steel lockers, dressers, tables, chairs and single iron bedsteads and mattresses. Students furnish bed linen, blankets and pillows.

### WOMEN'S DORMITORY

The State has provided funds to build and equip a new and modern dormitory for women. This dormitory is planned to accommodate one hundred and twenty-five students, and is expected to be ready for occupancy by September, 1920.

### DINING HALL

The dining hall was built in 1914. It is an attractive one-story building, situated just south of the Ewell and Taliaferro dormitories; is well equipped with modern appliances, and is large and handsome.

### INFIRMARY

The college has an infirmary for the accommodation of students when sick. The college physician has his office in the building, and a trained nurse is in attendance most of the time to look after the health of the students.

### GYMNASIUM AND CARY FIELD PARK

The gymnasium, situated just south of the main building, was erected in 1901. It is supplied with steel lockers, shower baths and the usual equipment necessary for indoor exercise. It is used for basketball and all kinds of indoor games and exercises.

The whole campus of the college contains about forty acres. The eastern portion of the campus, containing about fifteen acres, is used for buildings; the western portion, consisting of about twenty-five acres, is used for athletic purposes. This latter portion of the campus is known as Cary Field Park. A part of the park is enclosed by a board fence and contains a grandstand which seats about six hundred people. The funds for making the enclosure and building the grandstand were given by Mr. T. Archibald Cary, a friend of the college, for whom the park was named. Outside of the enclosure is ample room for tennis and all of the ordinary outdoor athletic sports.

## PART II

---

ENTRANCE REQUIREMENTS  
GOVERNMENT AND REGULATIONS  
EXPENSES  
HONORS AND DEGREES  
SPECIAL COURSES  
ANNOUNCEMENT OF COLLEGIATE COURSES

## College Entrance Requirements

---

**By act of the General Assembly, approved March, 1918, both men and women are admitted to the college on the same conditions.**

---

- I. AGE.—All applicants must be at least sixteen years of age.
- II. CHARACTER.—They must present a *certificate of honorable discharge from the last school attended*.
- III. PREPARATION.—They must show adequate preparation, either by taking an examination on the subjects required for admission as outlined fully below, or by presenting a certificate signed by the principal of a standard high school, or other institution of equal rank, showing the satisfactory completion of the necessary amount of work. All applicants for admission by certificate should carefully read the statement below entitled, "Admission by Certificate."

The requirements for admission are defined in terms of units. *The unit should represent approximately one-fourth of a year's work of high school grade and should amount to five recitation periods a week of at least forty-five minutes each for a session of at least thirty-six weeks.*

### ENTRANCE WITHOUT CONDITION

For full admission to the first year of the college the candidate must present fifteen units, of which *three* must be in English, *two and one-half* in Mathematics, and *one* in History. In addition to the above six and one-half units, the candidate for the degree of Bachelor of Arts must present *three* units in Latin, and the candidate for the degree of Bachelor of Science must present *one* unit in science and *three* units in foreign languages. The other units may be selected from the list of "Subjects Accepted for Entrance" tabulated below.



## ENTRANCE WITH CONDITION

Candidates for admission who cannot present the fifteen units required for full admission will be admitted on *thirteen* units, provided at least six of the thirteenth units are from the list of those required for full admission to the A. B. or B. S. courses. Conditioned students will be required to make up as many of their deficiencies as possible during the first year, and any deficiencies not made up the first year must be made up the second year. Any condition which the student has not removed by the end of his second year in college will be removed by counting college courses for this purpose on the basis of three college credits for one entrance unit. Courses so used cannot later be counted toward a degree.

*No one will be admitted to college who has spent less than three full years, or the equivalent, in high school.*

## ADMISSION BY CERTIFICATE

While admission to college by certificate is allowed on graduation from standard high schools or other institutions of equal rank, it is necessary to know the character and content of the high school courses on which the certificate is based in order that the proper number of entrance units may be ascertained. *The candidate for admission should therefore carefully note the following requirements.* The certificate should be made out on the proper blank form furnished by the college. It must be made out and signed by the principal of the school which the student attended; must specify the character and content of each course on which entrance credit is sought; must give the number of weeks the study was pursued, the number of recitation periods a week and the length of each recitation period; must give the date of examination and the candidate's grades in percentages.

A full entrance unit will be allowed only on those courses which have been pursued for a full year of thirty-six weeks with five recitation periods a week of not less than forty-five minutes each. For courses in which the number of periods given to the subject, or the length of the period is below the standard here specified, the entrance credit on such subjects will be reduced proportionately.

*It is of prime importance that the certificate of preparation be carefully made out and properly signed. Applicants for admission should always write to the Registrar of the college for the official*

*entrance application blank, on which the certificate of preparation must be made out and signed by the principal of the school which the applicant attended. The certificate should then be sent to the Registrar of the college AT LEAST TWO WEEKS before the opening of the session. Applicants without the necessary preparation can then be notified before they leave home. Those who fail to make arrangements in advance for admission are almost certain to be delayed several days in their registration and may be seriously disappointed by being rejected.*

Admission by certificate is always conditioned on the student's ability to maintain a satisfactory standard of work in college. Failure to meet this condition will result in the necessity of withdrawal from college.

#### ADMISSION BY EXAMINATION

Those who are not admitted by certificate will be required to take examinations on those subjects required for entrance. These examinations are held at the opening of the session, and those who expect to take them should present themselves to the Committee on Entrance the day before the opening of the session if possible.

#### ADVANCED STANDING

Collegiate credits will not be allowed for work done in high schools and academies except by written examination. This rule is in accord with the regulations of the State Board of Education governing accredited colleges. The examinations are held at the opening of the session under the supervision of the Committee on Entrance and Advanced Standing, and all students desiring advanced credits must make arrangements for the examinations with this committee immediately after entrance into college. For sufficient reasons permission to defer the examination to a later date will be granted, *but such permission must be obtained from the committee immediately after entrance into college, or the privilege of taking the examination will be forfeited. All credits allowed in this manner must be in excess of fifteen entrance units and on work of collegiate grade.*

Credit will be allowed for work done at other colleges and normal schools of reputable standing on the presentation of a diploma or certificate, signed by the proper officials, and specify

ing the content of the courses passed and the quality of the work done by the student. The amount of credit will be determined by the Committee on Advanced Standing after consultation with the heads of the departments in which credit is sought. The granting of credit is subject to conditions on which degrees are conferred by this college, but, as far as possible, the student will be safeguarded against the loss of time in the attainment of the desired degree.

### ADMISSION OF WOMEN

By an act of the General Assembly, approved March, 1918, women are admitted to the college on the same terms as men and enjoy full academic privileges. A large dormitory for women is now being constructed. The life of the women in the hall is under the care of the Social Director of Women, Miss Bessie Porter Taylor.

### SPECIAL STUDENTS

Men and women who are more than twenty years old on the day of registration may be admitted as Special Students without fulfilling the entrance requirements stated above, provided they give satisfactory evidence of the preparation necessary to pursue the courses for which they wish to register. No special student may be a candidate for a degree; but such students are permitted to make up their deficiencies by taking courses in the regular term or in the Summer Session. They will then be admitted as regular students and may become candidates for degrees, provided all entrance requirements are met at least one session before the date of graduation.

## SUBJECTS ACCEPTED FOR ENTRANCE

The individual units in this table will be reckoned on the basis of five forty-five minute periods per week of a session of thirty-six weeks.

Subjects	Topic	Units
English A.....	English Grammar and Analysis (required).....	1
English B.....	Composition and Rhetoric (required).....	1
English C.....	Literature (required).....	1
English D.....	History of English Literature (optional).....	1
Mathematics A	Algebra to Quadratics (required).....	1
Mathematics B	Quadratics, Progression, Binomials, etc. (required)	$\frac{1}{2}$ or 1
Mathematics C	Plane Geometry (required).....	1
Mathematics D	Solid Geometry (optional).....	$\frac{1}{2}$
Mathematics E	Plane Trigonometry (optional).....	$\frac{1}{2}$
Latin A.....	Grammar and Composition (required for A. B.)...	1
Latin B.....	Caesar—4 Books (required for A. B.).....	1
Latin C.....	Cicero—6 Orations (required for A. B.).....	1
Latin D.....	Virgil— Books (optional).....	1
History A.....	Greek and Roman.....	1
History B.....	Medieval and Modern History.....	1
History C.....	English History.....	1
History D.....	American History and Civil Government.....	1
Science A.....	Physiography.....	1
Science B.....	Elements of Physics.....	1
Science C.....	Elements of Chemistry.....	1
Science D.....	Botany, Zoology and Physiology.....	1
Science E.....	Mechanical Drawing.....	$\frac{1}{2}$
German A.....	Grammar and Composition (optional).....	1
German B.....	Reading and Exercises.....	1
Frenach A.....	Grammar and Composition (optional).....	1
French B.....	Reading and Exercises (optional).....	1
Spanish A.....	Grammar and Composition (optional).....	1
Spanish B.....	Reading and Exercises.....	1
Greek A.....	Grammar and Composition (optional).....	1
Greek B.....	Xenophon's Anabasis—4 Books (optional).....	1

Entrance units may be allowed on other high school subjects at the discretion of the Entrance Committee.

## DEFINITIONS OF THE UNITS IN THE REQUIREMENTS FOR ENTRANCE

## ENGLISH

Upon the recommendation of the National Conference on Uniform Entrance Requirements in English, the following requirements have been adopted, 1919-1922:

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation, and the development of the habit of reading good literature with enjoyment.

## GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitation and various exercises, whether oral or written.

## LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory notable passages both in verse and prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

The following list is not intended to be prescriptive. Books of equal merit, covering a similar range of literary styles, will be accepted as equivalents.

### A. Reading.

The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of the best specimens. He should read the books carefully, but his attention should not be so fixed upon details as to cause his missing the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I:

*Group I.* (Classics in Translation): The *Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*; the *Odyssey*, with the omission if desired, of books I-V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; and the *Æneid* should be read in English translation of recognized literary excellence. For any selection from this group a selection from any other group may be substituted. *Group II* (Shakespeare): *Midsummer-Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*, *Macbeth*, *Hamlet* (if not chosen for study). *Group III* (Prose Fiction): Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress*, Part I; Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's Novels, any one; Jane Austen's Novels, any one; Maria Edgeworth's *Castle Rackrent*, or *The Absentee*; Dickens' Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell's *Cranford*; Kingsley's *Westward Ho!* or *Hereward, the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes' *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels, any one; Poe's *Selected Tales*; Hawthorne's *The House of Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of *Short*

*Stories* by various standard writers. *Group IV* (Essays, Biography, etc.): Addison and Steele's *The Sir Roger de Coverley Papers*, or Selections from the *Tatler* and *Spectator* (about 200 pages); Boswell's Selections from the *Life of Johnson* (about 200 pages); Franklin's *Autobiography*; Irving's Selections from the *Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey's *Life of Nelson*; Lamb's Selections from the *Essays of Elia* (about 100 pages); Lockhart's Selections from the *Life of Scott* (about 200 pages); Thackeray's Lectures on Swift; Addison and Steele in the *English Humorists*; Macaulay, any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; Selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*, or *Selections* (about 150 pages); Dana's *Two Years Before the Mast*; Lincoln's *Selections*, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman's *The Oregon Trail*; Thoreau's *Walden*; Lowell's *Selected Essays* (about 150 pages); Holmes' *The Autocrat of the Breakfast Table*; Stevenson's *An Island Voyage and Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; a collection of *Essays* by Bacon, Lamb, DeQuincey, Hazlitt, Emerson and later writers; a collection of *Letters* by various standard writers. *Group V* (Poetry): Palgrave's *Golden Treasury* (First Series): *Books II and III* with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (First Series): *Book IV*, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's *The Traveler* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collection of English and Scottish *Ballads*, as, for example, some *Robin Hood Ballads*, *The Battle of Otterburn*, *King Estmere*, *Young Beicham*, *Bewrick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge's *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron's *Childe Harold*, *Canto III or IV*, and *The Prisoner of Chillon*; Scott's *The Lady of the Lake* or *Marmion*; Macaulay's *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson's *The Princess of Gareth and Lynette*, *Lancelot and Elaine* and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They*

*Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus; Arnold's Sohrab and Rustum and The Forsaken Merman; selections from American poetry, with special attention to Poe, Lowell, Longfellow, Whittier, and Holmes.*

### B. Study.

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

*Group I (Drama):* Shakespeare's *Julius Caesar*, *Macbeth*, *Hamlet*. *Group II (Poetry):* Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in *Book IV* or Palgrave's *Golden Treasury* (First Series). *Group III (Oratory):* Burke's *Speech on Conciliation with America*; Macaulay's *Speech on Copyright* and Lincoln's *Speech at Cooper Union*; Washington's *Farewell's Address* and Webster's *First Bunker Hill Oration*. *Group IV (Essays):* Carlyle's *Essay on Burns*, with a selection from *Burns' Poems*; Macaulay's *Life of Johnson*; Emerson's *Essays*.

## MATHEMATICS

*Mathematics A.* Algebra to Quadratic Equations. The four fundamental operations; factoring; highest common factor; lowest common multiple; fractions, simple and complex; ratio and proportions; equations, numerical and literal; problems; radicals, including square root; exponents, fractional and negative. (One unit.)

*Mathematics B.* Quadratic Equations, Progression, and the Binomial Theorem.—Quadratic equations, numerical and literal; equations with one or more unknown quantities; problems depending on quadratic equations; the binomial formula for positive integral exponents; arithmetical and geometrical progression,



with applications. (Half unit, if studied only half year. One unit if studied a whole year.)

*Mathematics C.* Plane Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solutions of original exercises, etc. (One unit.)

*Mathematics D.* Solid Geometry, with exercises.—The usual theorems and constructions of a standard text-book. Solution of original exercises, etc. (Half unit.)

*Mathematics E.* Plane Trigonometry.—The usual trigonometric functions; solution of trigonometric equations; theory and use of logarithms, etc. (Half unit.)

### LATIN

*Latin A.* Grammar and Composition.—The study of a standard text-book, with pronunciation; regular forms, cases; tenses; moods; rules, etc. Primer of Roman History. Translations into Latin and easy reading. (One unit.)

*Latin B.* Caesar, Four Books.—With a systematic study of Latin Grammar; exercises based upon the text read. (One unit.)

*Latin C.* Cicero, Six Orations.—Grammar work and prose composition based upon the text read. (One unit.)

*Latin D.* Virgil, Six Books.—Latin versification as shown in the hexameter meter. Grammar work and selected exercises in composition. (One unit.)

### HISTORY

*History A.* Greek and Roman History.—Including the geography of the countries studied and the development of the empires; wars; invasions; legends; transitions, etc. (One unit.)

*History B.* Mediaeval and Modern History.—Including a study of feudalism, papacy, Germano-Roman empire; formation of France; Crusades; Renaissance; Protestant Reformation; French Revolution, etc. (One unit.)

*History C.* English History, from the early British settlements down to the present. (One unit.)

*History D.* American History and Civil Government.—From the earliest discoveries and settlements to the present. Special emphasis upon the causes and results of the leading wars. Changes begotten by the Revolution. Political and economic problems; political parties; foreign relations, etc. (One unit.)

## SCIENCE

*Science A.* Physiography.—A knowledge of the subjects taught in the standard high school texts. (One unit.)

*Science B.* Elementary Physics.—A knowledge of the subject as given in the standard texts. A full entrance unit will be allowed only when the text book work has been supplemented by the performance of numerous laboratory exercises by the student himself under competent instruction (One unit.)

*Science C.* Elementary Chemistry.—The candidate for entrance credit should be able to show that he has studied for at least one full session, under a competent teacher, some standard text-book on inorganic chemistry and used a laboratory manual. (One unit.)

*Science D.* Botany, Zoology and Physiology.—The entrance requirements presuppose such sound elementary knowledge of plants, animals and human physiology, respectively, as may be regarded as representing one-half year's or one whole year's work in each subject from a standard text. Laboratory work should be included in the course. (Half unit each, or one unit each.)

*Science E.* Mechanical Drawing.—Projections of geometric figures; changes of position; relative sizes and positions; distances from given points, etc. (Half unit.)

## MODERN LANGUAGES

*German A.* Grammar and Composition.—One full session's work in declensions; conjugations; uses and meanings of articles; pronouns; cases, tenses; moods and general rule governing arrangement of sentences; word functions; translations into English and German. (One unit.)

*German B.* Translations.—Reading of from 500 to 600 pages of German, made up of easy stories, plays, prose and poetry. (One unit.)

*French A.* Grammar and Composition.—One session's work, including a mastery of the principles of grammar, regular and irregular verbs. (One unit.)

*French B.* Translations.—About 500 pages of reading with continued drill in grammar. Exercises in dictation and conversation. Written exercises in French composition. (One unit.)

*Spanish A.* Grammar and Composition, with Translations.—A thorough study of pronunciation. Composition with easy reading. (One unit.)

*Spanish B.* Translations.—About 500 pages of reading with drill in grammar. Written exercises. (One unit.)

#### GREEK

*Greek A.* Grammar and Composition.—The common forms, idioms, inflections; syntax; easy translations. (One unit.)

*Greek B.* Xenophon's *Anabasis*.—Four books. (One unit.)

## Government and Regulations

---

### DIRECTIONS FOR REGISTRATION

Applicants for admission to college should always write to the Registrar of the college for the official entrance application blank and should have their certificates of preparation filled out according to the instructions given on page 37. The certificate should then be filed with the Registrar *at least two weeks before the opening of the session*. Applicants without the necessary preparation can then be notified before they leave home.

As soon as possible after arriving at college all students should report to the President's office in Main Building. After assignment to the proper classes, the students are given a ticket of classification which must then be presented to the President of the college at his office. From the President they receive a card permitting them to matriculate. The ticket of classification and the matriculation card are then presented to the Treasurer in his office in the Main Building. On the payment of fees the student's name is officially enrolled on the register of the college.

Official classification and payment of fees are necessary prerequisites to enrollment.

### STUDENT SUPERVISION

The President, through inspection of the monthly class reports and personal interviews, endeavors to follow carefully the progress of all students in the college, and by his personal oversight and advice to insure their progress in their classes. Students are not permitted to enter any course, nor to drop a course after admission to it, except with the consent of the President. The President is assisted in his work by the Student Committee of Self Government.

Monthly reports are sent to parents and guardians showing the standing of students in their classes.

*Supervision of Women.*—The Social Director, who is also a member of the faculty, is the advisor of women. Her supervision

will extend not only to their class work, but also to their social life, and no effort will be spared to insure to them the most wholesome and stimulating intellectual and social environment. The Women's Self Government Association co-operates with the Social Director of Women and directs all matters of student life not under her immediate supervision.

### ABSENCE FROM LECTURES AND FROM COLLEGE

Absence from classes or from other college duties without sufficient reason is not tolerated. Sickness or necessary absence from college with the consent of the President constitute valid excuses. Absence for other reasons will be excused only in extraordinary cases not likely to recur.

### DISCIPLINE

The discipline of the college is in the hands of the President and faculty. Its object is to maintain regularity and order in the institution and to inculcate in the students the spirit of honor. At William and Mary the "Honor System" had its beginning, and its spirit prevails in such force that disorder and unbecoming conduct are rare in the student life. When, however, the faculty finds it necessary to resort to other means of securing the desired end, probation, suspension or expulsion is resorted to, according to the gravity of the offense.

The faculty believe that it is a duty they owe to parents to insist upon the withdrawal of all students not profiting by their stay at college; and when non-resident students are permitted to withdraw, or are dropped from the roll, or are suspended, they must forthwith leave Williamsburg and the vicinity. Until this requirement is fulfilled they remain subject to the authority of the institution and may be expelled. In every case of discipline by the faculty the student's parents or guardian is informed of the action.

Hazing or subjecting a student to any form of humiliating treatment is strictly forbidden and renders the offender liable to expulsion.

### EXAMINATION AND SYSTEM OF GRADING

Written examinations are held at the end of each term. An examination grade of 75 per cent. passes a student, provided his class standing and attendance are satisfactory to the professor.

Students who pass a course with a grade for the term of from 75 per cent. to 83 per cent. will be marked C; those who pass with a grade of from 83 per cent. to 90 per cent. will be marked B; those who pass with a grade above 90 per cent. will be marked A.

### NUMBER OF HOURS TAKEN BY STUDENTS

Fifteen hours a week constitute normal work for the student. Permission to take fewer or more hours per week must be obtained from the President. Only for exceptional reasons will a student be given credit on as many as eighteen hours in one term.

### DROPPING FROM THE ROLL

A student who fails at the regular term examination to pass unconditionally one-third of his hours will be dropped from the roll of the college, unless the failure is due to continued sickness or some other unavoidable cause. Students who for any reason are permitted to take less than fifteen hours must pass on at least five hours.

### CHAPEL EXERCISES

All students are required to be present at chapel exercises two days of the week. These exercises are conducted by the members of the faculty.

---

## Expenses

It is the constant aim of the college to keep expenses to the students at the lowest figure consistent with the maintenance of good educational advantages and proper standards of living. Moderate fees with special reductions to those holding State scholarships make the necessary expenses unusually low, and extravagant habits of living are discouraged both by the students and the college authorities. The life of the college, though full of activities in which the students may participate, is traditionally free from the expensive customs prevalent at many colleges.

The table below shows in concise form the entire amount of the necessary expense of one session, with the exception of the special fees listed on the next page.

*(a) For Virginia Students Holding State Scholarships:*

Matriculation fee.....	\$ 10.00
Gymnasium and athletic fee.....	10.00
Board, \$20.00 a month.....	180.00
Room rent.....	18.00 to \$ 36.00 per session
Laundry .....	18.00

---

Total.....\$236.00 to \$254.00

*(b) For Virginia Students Not Holding State Scholarships:*

Matriculation fee.....	\$ 10.00
Gymnasium and athletic fee.....	10.00
College fee.....	40.00
Board, \$22.00 a month.....	198.00
Room rent.....	18.00 to \$ 36.00 per session
Laundry .....	18.00

---

Total.....\$294.00 to \$312.00

*(c) For Students Not From Virginia:*

Tuition fee.....	\$ 50.00
Matriculation fee.....	10.00
College fee.....	40.00
Gymnasium and athletic fee.....	10.00
Board, \$22.00 a month.....	198.00
Room rent.....	18.00 to \$ 36.00 per session
Laundry .....	18.00

---

Total.....\$344.00 to \$362.00

*The student should note that board is payable monthly IN ADVANCE; the matriculation fee and the gymnasium and athletic fees are payable in full at entrance. Of the remaining fees, half is payable at entrance and half on February 1st.*

*The Gymnasium and Athletic Fee* had its origin in the request of the students. The money derived from this fee is used to defray the expense of maintaining the various forms of athletic activity at the college. Payment of the fee entitles the student to membership in the athletic association and to free admission to all athletic contests on the home grounds.

*The College Fee* is a payment towards the general incidental expenses of the college, fuel, servants' hire, medical attendance and maintenance of buildings and library.

*Room Rent*—Under this head are grouped the charges for room, furniture, janitor service, heat, light, and laundry service not to exceed two dollars a month.

Room rent is payable half at entrance and half on February 1st. No part of this payment will be refunded to a student who leaves the dormitory before the end of the term. For schedule of rates for the room in the different dormitories see pages 54-55.

*Board*—The charge for board is for the session, but for the convenience of the students payment is made in nine monthly installments in advance. No reduction will be made in board for periods less than one month. This rule applies to absence during the Christmas vacation, to absence due to sickness, to withdrawals from college and dismissal therefrom. No reduction in any of the above fees will be allowed.

### SPECIAL FEES AND EXPENSES

1. *Laboratory Fees*.—A laboratory fee of *one dollar and fifty cents* is charged for each course taken in chemistry, biology, industrial arts and physics.

2. *Special Examinations*.—A fee of *three dollars* is charged for all special examinations except as are necessitated by sickness or other unavoidable causes. This applies also to examinations taken on work "in absentia." (See page 60.) This fee must be paid in advance, and a receipt from the treasurer of the college must be presented before the examination is taken.

3. *The Contingent Fee*.—Every student is required to deposit with the treasurer at the beginning of the session a contingent fee of *three dollars*, which is returnable to him at the end of the year if no damage has been done by him to the college property. This fee is not necessarily an expense.

4. *Diplomas*.—The charge for the master's diploma is *ten dollars*, and the charge for the bachelor's diploma is *seven dollars and fifty cents*. (The charge for the teacher's diploma, issued to those who complete the prescribed two-year course for teachers, is *two dollars*.) These fees are payable at graduation.

5. *Books*.—The cost of books depends somewhat on the courses taken, but will seldom be less than *fifteen dollars* a year and does not usually exceed *thirty dollars* a year.



## INCIDENTAL EXPENSES

It is impossible to formulate the exact cost to students of clothing, travel and incidental expenses. These are governed largely by the habits of the individual. The college endeavors to cultivate frugality and to protect the student from temptations. The size of Williamsburg aids materially in this matter by not subjecting the students to the diversions of a large city. As the demands for extra money are small, parents are advised to furnish only a small sum.

## REDUCTION OF EXPENSES TO HOLDERS OF STATE SCHOLARSHIPS

A reduction of expenses to holders of State scholarships is made possible by the desire of the Commonwealth to develop a body of men and women trained for, and interested in, its greatest responsibility—the education of its children. Therefore, through the aid furnished by the State, the College of William and Mary offers *one hundred and thirty-two* scholarships to young men and women who want to prepare themselves to teach in the public schools of the State. These scholarships may be secured by applying to the superintendents of schools in the counties and cities and entitle the holders to exemption from fees and board, amounting to \$58.00.

For full information regarding these scholarships and the Teachers' Courses, see pages 75-79.

## MINISTERIAL STUDENTS

Students furnishing satisfactory evidence of their intention and fitness to enter the ministry are admitted upon the same terms as Virginia students holding State scholarships.

## Dormitories and Room Rental

---

### RESERVATION OF ROOMS

In order to have a room reserved for the following session the applicant is required to make a deposit of \$5.00 with the registrar. This deposit will be credited on the rent for the *first term* and will in no case be returned except upon written application made before September 1st.

### DORMITORIES FOR MEN

The Brafferton, Taliaferro, Tyler and Ewell are the dormitories occupied by men. The rooms are of ample size, well lighted, and attractive. Each room is supplied with pure running water, hot and cold, from an artesian well on the campus, is heated with steam and lighted by electricity. The furniture consists of dresser, table, chairs, iron bed, mattress, and steel locker or closet. *The students furnish their bed linen, blankets and pillows.*

### DORMITORY FOR WOMEN

All women students not residents of Williamsburg room in the Women's Dormitory, the most recently built of the dormitories. The rooms are 14 x 15 feet in size and each of them comfortably accommodates two students. There is in each room running water, hot and cold, two large closets, and two single iron beds, besides dresser, table and chairs.

### SCHEDULE OF RATES FOR ROOMS IN THE DORMITORIES

The following schedule of rates is for the nine months, and is payable one-half on entrance and one-half February 1st. No refund will be made to a student who leaves the dormitory before the end of the term.

#### TALIAFERRO, EWELL AND EWELL ANNEX.

Double room (two students to a room) on the first or second floors, a student.....	\$30.00
Single room on first or second floors.....	36.00
Double room (two students to room) on third floor, a student .....	18.00
Single room on third floor.....	27.00

## BRAFFERTON.

Double room (two students to room) on first or second floor, a student.....	\$35.00
Double room on third floor, a student.....	18.00
Single room on third floor.....	27.00

## TYLER HALL.

All rooms in this dormitory, a student.....	\$35.00
---	---------

## WOMEN'S DORMITORY.

All rooms in this dormitory, a student.....	\$35.00
---	---------

It has been the policy of the college not to place more than two students in any room but lack of accomodations may necessitate the placing of three students in the rooms on the first and second floors of the Brafferton and in four large rooms in the Ewell Annex next session.

If there should not be room to accommodate all who apply, holders of State scholarships will be given the preference in the dormitories.

*Those who room in the dormitories but do not take their meals at the college boarding club are charged five dollars a month for room rent.*

## PHYSICAL CARE AND MEDICAL ATTENDANCE

The college employs a skilled physician and a trained nurse to take care of the physical welfare of the students. Excellent sanitary conditions are maintained and medical treatment is given to the students with no additional cost to them beyond the ordinary fees listed above. Physical exercises and athletic sports are under expert supervision and are conducted, primarily, for the promotion of health and efficiency. An excellent infirmary affords facilities for the isolation of cases of infectious diseases or for those requiring quiet surroundings.

Medical attention and staple medicines are furnished free of charge to the students, but the college does not assume the expense of consulting physicians or surgical operations.

## Honors and Degrees

### REQUIREMENTS FOR DEGREES

The degrees offered are Bachelor of Arts (A. B.), Bachelor of Science (B. S.), and Master of Arts (A. M.). The requirements for degrees are stated below in terms of "credits." The college year consists of two terms, and the completion of a course running one term entitles the student to a number of credits equal to the number of class meetings a week. Laboratory periods are two hours in length, and the credits allowed for laboratory work are equal to the number of laboratory *periods* a week. Most of the courses run only one term, but some courses continue throughout the year, and credit for the first term of these courses is not allowed until the second term is completed.

#### BACHELOR OF ARTS

##### MINIMUM REQUIREMENTS

English .....	12
History .....	3
Government .....	3
A Foreign Language.....	12
Psychology .....	3
Ethics or History of Philosophy.....	3
Biology or Chemistry or Physics.....	10
Latin or Greek or Mathematics (Coll. Algebra and Trig.)...	6
Additional credits in Science, or Mathematics, or Latin or Greek .....	6
Physical Education.....	2

---

 60

##### GENERAL REQUIREMENTS IN ADDITION TO THE MINIMUM

To attain this degree the student must have a total of one hundred and twenty-six credits. Of the remaining sixty-six credits, four (4) may be taken in Physical Education. Students pledged to teach must take Education I-a, I-b, II-a, II-b, II-c during their first two years, and must take one major in Education. One major of eighteen credits and two minors of twelve

credits each are required of all candidates for this degree. The selection of the major and the minors must be with the approval of the President.

## BACHELOR OF SCIENCE

### MINIMUM REQUIREMENTS

English .....	12
Biology, Chemistry, Physics—(two courses in each of two) ..	20
Mathematics (College Algebra and Trigonometry) .....	6
History .....	3
Political Science.....	3
A Foreign Language.....	12
Psychology .....	3
Ethics or Logic.....	3
Physical Education.....	2

---

64

### GENERAL REQUIREMENTS IN ADDITION TO THE MINIMUM

To attain this degree the student must have a total of one hundred and twenty-six credits. Of the remaining sixty-two credits, four (4) may be taken in Physical Education. From the departments of Biology, Chemistry, Mathematics, Physics and Education, a first major of twenty credits; a second major of twenty credits, or two minors of ten credits each, must be selected. The selection of the majors and minors must be with the approval of the President.

Students pledged to teach are expected to meet the same requirements in the Department of Education as set forth in the A. B. requirements.

In case the department in which a student wishes to major does not offer enough courses to enable him to fulfil the requirements of twenty credits the deficiency may be made up by taking courses in cognate subjects upon the advice and approval of the President.

In general courses used to satisfy the minimum requirements for a degree will not be accepted as part of a major or minor.

The following courses may not be counted in fulfilment of a major: English I-a and I-b, History I-a and I-b, Education I-a, I-b and II-c, Latin I-a and I-b, French I-a and I-b, German I-a and I-b, Spanish I-a and I-b, Mathematics I-a and I-b, Chemistry I-a.

## A SUGGESTED A. B. COURSE

## FIRST YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
English I .....	3	English II .....	3
A Foreign Language.....	3	Same (Continued) .....	3
Mathematics or History.....	3	Same (Continued) .....	3
Biology or Chemistry.....	5	Same (Continued) .....	5
Education .....	3	Same (Continued) .....	3
Physical Education .....	1		—
	—	Total .....	17
Total .....	18		

## SECOND YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
English .....	3	English .....	3
A Foreign Language.....	3	Same (Continued) .....	3
Mathematics, or Physics, or		Same (Continued) .....	3
Chemistry, or Biology...3 or 5		Same (Continued) .....	5
Educ., or Soph., elective.....	3	Same (Continued) .....	3
Hist. or Soph., elective.....	3	Same (Continued) .....	3
Physical Education .....	—		—
	—	Total .....	15 or 17
Total .....	15 or 17		

Prospective teachers must take English IV.

## THIRD YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
Psychology I .....	3	Ethics or History of Philos-	
Electives which will include 3		ophy .....	3
credits of a major and 3		Electives which will include 3	
credits each of two minors. 9		credits of a major and 3	
Free elective .....	3	credits each of two minors. 9	
	—	Same .....	3
Total .....	15		—
		Total .....	15

## FOURTH YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
Major and 2 minors.....	9	Same .....	9
Electives .....	6	Same .....	6
	—		—
Total .....	15	Total .....	15

## A SUGGESTED B. S. COURSE

## FIRST YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
English I .....	3	English II .....	3
Biol., Chem. or Physics.....	5	Continued .....	5
Latin, Greek, French or Ger.	3	Continued .....	3
Mathematics I-a and I-b.....	3	Mathematics I-a or I-b.....	3
History or Education.....	3	Continued .....	3
Physical Education .....		Continued .....	
	—		—
Total .....	17	Total .....	17

## SECOND YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
English .....	3	English .....	3
Foreign Languages, continuing electives of first year..	3	Continued .....	3
Biol., Chem., or Physics, one of these not chosen first year .....	5	Continued .....	5
*Education or Soph., elective.	3	Continued .....	3
Hist. or Soph., elective.....	3	Continued .....	3
Physical Education .....			—
	—	Total .....	17
Total .....	17		

## THIRD YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
Psychology .....	3	Hist. of Phil. or Ethics.....	3
A major .....	5	Continued .....	5
A second major or first minor	5	Continued .....	5
Second minor or elec... 3 or 5		Continued .....	3 or 5
	—		—
Total .....	15 to 18	Total .....	15 to 18

## FOURTH YEAR

FIRST TERM.	Credits	SECOND TERM.	Credits
Major .....	5	Continued .....	5
Second major or minor, 5		Continued .....	5
Elective .....	5 or more	Continued .....	5
	—		—
Total .....	15	Total .....	15

---

\* Required of State scholarship students.

## WORK IN ABSENTIA FOR A BACHELOR'S DEGREE

Students who have been in residence a full year at this college and have completed as many as thirty credits are permitted to take work privately amounting to thirty credits. But before entering upon work "in absentia," permission must be obtained from the professor in whose department the work is taken, and arrangements acceptable to him made for pursuing the work. Credit for courses so taken is based on a thorough written examination. A fee of three dollars, payable in advance, is charged for this examination.

Work done at other colleges of reputable standing is accepted at this college, but no degree will be conferred on any one who has not been in residence at this college at least a year.

## MASTER OF ARTS

The requirements for the degree of Master of Arts are as follows:

I. The applicant must be the holder of an A. B. or B. S. degree from this college, or from some other institution of approved standing; such degree must represent the completion of a four-year college course based on fifteen entrance units.

II. The applicant must be registered and approved as a candidate for the Master of Arts degree before beginning any course that is to be counted for credit toward that degree.

III. The applicant must complete at the college one year of satisfactory study in addition to the work required for the Bachelor's degree. This requirement may be met in either of the following ways:

(a) Completing, with no grade below B, twenty hours of higher group work that is not included in the Teachers' Diploma, and the preparation of a thesis whose subject shall be approved by the professor in whose department the thesis shall be taken. The thesis shall represent a credit value of ten hours.

(b) By completing thirty hours of higher group work, under the restrictions imposed above, with no grade below B, and with at least ten hours with a grade of A.



## Special Courses

### PREMEDICAL COURSE

The standard medical institutions belonging to the Association of American Medical Colleges now require two or more years of collegiate work for entrance. The minimum of sixty semester hours must include twelve in chemistry, eight in biology, eight in physics and six in English composition and literature. The course should include a modern foreign language, comparative vertebrate anatomy, organic chemistry, psychology and social science. The work as outlined by the college covers either two years or three years. It is preferable for the student to take the work as a three-year course, since this meets not only the minimum requirement, but also covers other subjects that will be found very helpful.

Students will be granted a B. S. degree upon the successful completion of the three-year course and one additional year, either in residence or in an approved medical school. If the additional year is taken in residence, the subjects studied must be approved by the Degree Committee.

### PREMEDICAL COURSE

#### *Two Years*

#### FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language I-a.....	3	Modern Language I-b.....	3
Biology II-a .....	5	Biology II-b .....	5
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Physical Training .....	1	Chemistry II-a .....	3
	—	Physical Training .....	1
Total .....	17	Total .....	18

#### SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	Biology III-e .....	5
Physics II-a .....	5	Physics II-b .....	5
Chemistry III-a .....	4	Chemistry III-b .....	4
Psychology II-a .....	3	Non-science, elective .....	3
	—		—
Total .....	15	Total .....	17

*Three Years*

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Biology II-a .....	5	Biology II-b .....	5
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Physical Training .....	1	Chemistry II-a .....	3
	—	Physical Training .....	1
Total .....	17	Total .....	18

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language I-a .....	3	Modern Language I-b.....	3
Physics II-a .....	5	Biology III-e .....	5
Chemistry II-b .....	4	Physics II-b .....	5
Biology III-d .....	3	Chemistry IV-a .....	4
	—		—
Total .....	15	Total .....	17

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	Modern Language II-b or	
Chemistry III-a .....	4	English Literature .....	3
Biology IV-c .....	3	Chemistry III-b .....	4
Psychology II-a .....	3	Biology IV-a .....	5
Electives .....	3	Electives .....	3
	—		—
Total .....	16	Total .....	15

## HOME ECONOMICS

The Home Economics Department was established in 1918 under the Smith-Hughes Act, which grants Federal aid for the training of teachers of Home Economics. The course of study is four years in length, and leads to the degree of Bachelor of Science in Home Economics.

The curriculum provides for a liberal amount of academic work in addition to the sciences underlying the technical courses, thus insuring a good general education as well as professional training.

Though intended primarily for the training of teachers of Home Economics, the various technical courses are open to all women students of the college, and to others who may desire to elect them.

### BACHELOR OF SCIENCE IN HOME ECONOMICS

The entrance requirements for this degree are enumerated under "Entrance Requirements," page 36. To attain this degree the student must make one hundred and twenty-six credits as outlined below. The following must be taken by all candidates for this degree:

Biology .....	14
Chemistry .....	20
Physics .....	4
English .....	12
History, Economics and Sociology.....	12
Education .....	17
Home Economics subjects.....	38
Electives .....	9-12

### SUGGESTED COURSE FOR THE TRAINING OF TEACHERS OF HOME ECONOMICS

#### FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Chemistry I-a .....	5	Chemistry I-b .....	5
History .....	3	History .....	3
Fine Arts I-a .....	2	Fine Arts I-c .....	2
Home Economics I-a.....	2	Home Economics I-b.....	2
Home Economics I-c.....	2	Home Economics I-d.....	2
—		—	
Total .....	17	Total .....	17

#### SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English .....	3	English .....	3
Biology I-a .....	5	Biology II-b .....	5
Chemistry III-a .....	5	Chemistry III-b .....	5
Home Economics, II-a.....	1½	Home Economics II-b.....	1½
Home Economics II-c.....	1½	Home Economics II-d.....	1½
—		—	
Total .....	16	Total .....	16

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
House Physics II-c.....	4	Biology IV-a .....	4
Education I-a .....	3	Education I-b .....	3
Home Economics III-a.....	2	Home Economics III-b.....	2
Home Economics III-c.....	1	Home Economics III-d.....	1
Home Economics III-e.....	1½	Home Economics III-f.....	1½
Home Economics III-g.....	2	Home Economics III-h.....	2
Electives .....	3	Electives .....	3
<hr/>		<hr/>	
Total .....	16½	Total .....	16½

## FOURTH YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Methods of teaching Home Economics .....	2	Methods of teaching Home Economics .....	2
Observation and Practice Teaching .....	2	Observation and Practice Teaching .....	2
Economics .....	3	Sociology .....	3
Home Economics IV-a.....	1	Education III-e .....	3
Home Economics IV-c.....	2	Home Economics IV-b.....	1
Home Economics IV-e.....	1	Home Economics IV-d.....	2
Electives .....	3	Electives .....	3
<hr/>		<hr/>	
Total .....	14	Total .....	16

Physical Training throughout the course.

## AGRICULTURAL COURSE

This course is intended to qualify students of agriculture for the junior class of any standard agricultural college; also to give teachers and others a better understanding of rural problems. It may be taken either as a two-year course or as a three-year course. Modifications may be made in this course, on approval of the appropriate committee, in order to adapt it to the requirements of the agricultural college which the student plans to enter.

Students will be granted a B. S. degree upon successful completion of the three-year course in agriculture and one additional year's work in residence, provided the work of the additional year is approved by the Degree Committee. The college will also grant a B. S. degree to students who complete the three-year course when they have completed their course at an approved agricultural college.

## AGRICULTURAL COURSE

*Two Years*

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Biology II-a .....	5	Biology II-b .....	5
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Biology III-b .....	3	Chemistry II-a .....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Physical Training .....	1	Physical Training .....	1
	—		—
Total .....	20	Total .....	18

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Physics II-a .....	5	English Literature .....	3
Chemistry III-a .....	4	Biology III-a .....	3
Biology II-c .....	5	Biology IV-a .....	5
Accountancy III-a .....	3	Biology IV-b .....	5
	—	Economics I-b .....	3
Total .....	17		—
		Total .....	19

*Three Years*

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Biology II-a .....	5	Biology II-b .....	5
Chemistry I-a .....	5	Biology II-d .....	5
Industrial Arts I-c.....	3	Chemistry I-b (Lectures)....	3
Physical Training .....	1	Chemistry II-a .....	3
	—	Physical Training .....	1
Total .....	17		—
		Total .....	20

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language I-a.....	3	Modern Language I-b.....	3
Chemistry II-b .....	4	Chemistry IV-a .....	4
Mathematics I-a .....	3	Biology IV-a .....	5
Biology II-c .....	5	Mathematics I-b .....	3
Political Science I-a.....	3	Economics I-b .....	3
	—		—
Total .....	18	Total .....	18

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	English Literature .....	3
Chemistry III-a .....	4	Chemistry III-b or	
Physics II-a .....	5	Physics II-b .....	4 or 5
Biology III-b .....	3	Biology III-a .....	3
Biology III-c .....	4	Biology IV-b .....	5
	—	Accountancy III-b .....	3
Total .....	19	Total .....	18 or 19

## COURSE IN FORESTRY

This course is intended to qualify students for the junior class of a professional school of forestry. It may be taken either as a two-year course or as a three-year course. In the latter case, the third-year electives shall be chosen in accordance with the requirements of the school of forestry and class which the student plans to enter. Modifications in the courses prescribed with similar end in view may be made, provided approval of the appropriate committee is obtained. Students will be granted a B. S. degree upon successful completion of the three-year course in forestry and one additional year's work in residence, provided the work of the additional year is approved by the Degree Committee. Or, the college will grant a B. S. degree to students who complete the three-year course when they have finished their course at an approved school of forestry.

## FORESTRY COURSE

*Two Years*

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Biology II-a .....	5	Chemistry II-a .....	3
Mathematics I-a .....	3	Biology II-b .....	5
Physical Training .....	1	Mathematics I-b .....	3
	—	Physical Training .....	1
Total .....	17	Total .....	18

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics II-a .....	3	Mathematics II-d .....	3
Biology II-c .....	5	Biology IV-b .....	4
Physics II-a .....	5	Physics II-b .....	5
Industrial Arts I-c.....	3	Industrial Arts I-d.....	3
Accountancy III-a .....	3	Economics I-b .....	3
<hr/>		<hr/>	
Total .....	19	Total .....	18

*Three Years*

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language I-a.....	3	Modern Language I-b.....	3
Biology II-a .....	5	Biology II-b .....	5
Mathematics I-d .....	1	Biology II-d .....	3
Industrial Arts I-c.....	3	Mathematics I-d .....	1
Physical Training .....	1	Industrial Arts I-d.....	3
<hr/>		<hr/>	
Total .....	16	Total .....	19

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	Modern Language II-b, or	
Mathematics I-a .....	3	English Literature .....	3
Chemistry I-a .....	5	Mathematics I-b .....	3
Biology II-c .....	5	Chemistry I-b (Lectures)...	3
Political Science II-a.....	3	Chemistry II-a .....	3
<hr/>		Biology III-a .....	3
Total .....	19	Political Science II-b.....	3
		<hr/>	
		Total .....	18

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics II-a .....	3	Mathematics II-d .....	3
Physics II-a .....	5	Physics II-b .....	5
Biology III-c .....	4	Biology IV-b .....	4
Accountancy III-a .....	3	Economics I-b .....	3
Elective .....	3	Elective .....	3
<hr/>		<hr/>	
Total .....	18	Total .....	18

## ENGINEERING COURSES

The engineering courses outlined below are designed to prepare students to enter the junior class of any standard engineering school. These courses contain not only the minimum for the first two years of engineering, but also additional subjects that will be found very helpful to engineering students. An exceptional student who has had unusually good training in high school can select a two-year course from these three years. However, the college does not advise the student to undertake to complete any of these courses in two years. It will be much better even for the strong student to take three years for completing his course.

Solid geometry is presupposed for entrance to engineering courses. If not taken before entering, it should be taken in addition to the prescribed mathematics.

The third year electives should be chosen in accordance with the requirements of the engineering school and class that the student plans to enter. Modification may be made in any of the courses, with a similar end in view, with the approval of the appropriate committee.

Students will be granted a B. S. degree by the college upon the successful completion of any of the engineering courses and an additional year's work in residence, provided the work of the additional year is approved by the Degree Committee. Likewise, students who complete this work in engineering will be granted a B. S. degree by the college when they have finished their course at an approved engineering school.

## ELECTRICAL AND MECHANICAL ENGINEERING

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language I-a.....	3	Modern Language I-b.....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Industrial Arts I-c.....	3	Industrial Arts I-d .....	3
Mathematics I-d .....	1	Mathematics I-d .....	1
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Physical Training .....	1	Chemistry II-a .....	3
	—	Physical Training .....	1
Total .....	19	Total .....	20



## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	Mod. Lang. II-b or Eng. Lit.	3
Mathematics II-a .....	3	Mathematics II-b .....	3
Chemistry II-b .....	4	Mathematics II-d .....	3
Physics II-a .....	5	Physics II-b .....	5
Industrial Arts II-b.....	3	Industrial Arts II-c.....	3
	—		—
Total .....	18	Total .....	17

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics III-a .....	3	Mathematics III-b .....	3
Mathematics II-c .....	3	Physics III-c .....	3
Physics III-a .....	5	Physics III-b .....	5
Shopwork .....	2	Shopwork .....	2
Electives .....	6	Electives .....	6
	—		—
Total .....	19	Total .....	19

## CIVIL ENGINEERING

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language I-a.....	3	Modern Language I-b .....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Industrial Arts I-c.....	3	Chemistry II-a .....	3
Mathematics I-d .....	1	Industrial Arts I-d.....	3
Physical Training .....	1	Mathematics I-d .....	1
	—	Physical Training .....	1
Total .....	19		—
		Total .....	20

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a.....	3	Mod. Lang. II-b or Eng. Lit.	3
Mathematics II-a .....	3	Mathematics II-b .....	3
Mathematics II-c .....	3	Mathematics II-d .....	3
Physics II-a .....	5	Physics II-b .....	5
Shopwork .....	2	Shopwork .....	2
Engineering .....	3	Engineering .....	3
	—		—
Total .....	19	Total .....	19

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics III-a .....	3	Mathematics III-b .....	3
Physics III-a .....	5	Physics III-c .....	3
Electives .....	9	Physics III-b .....	5
" .....	—	Electives .....	6
Total .....	17	Total .....	17

## MINING ENGINEERING

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language I-a .....	3	Modern Language I-b .....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Industrial Arts I-c .....	3	Industrial Arts I-d .....	3
Chemistry I-a .....	5	Chemistry I-b (Lectures) .....	3
Mathematics I-d .....	1	Chemistry II-a .....	3
Physical Training .....	1	Physical Training .....	1
Total .....	19	Total .....	20

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language II-a .....	3	Mod. Lang. II-b or Eng. Lit. ..	3
Mathematics II-a .....	3	Mathematics II-b .....	3
Chemistry II-b .....	4	Chemistry IV-a .....	4
Chemistry I-c .....	3	Chemistry I-d .....	3
Physics II-a .....	5	Physics II-b .....	5
Total .....	18	Total .....	18

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics III-a .....	3	Mathematics III-b .....	3
Mathematics II-c .....	3	Physics III-e .....	3
Physics III-a .....	5	Physics III-b .....	5
Chemistry IV-b .....	4	Mathematics II-d .....	3
Elective .....	3	Elective .....	3
Total .....	18	Total .....	17

## CHEMICAL ENGINEERING

## FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Modern Language .....	3	Modern Language I-b.....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Industrial Arts I-c.....	3	Industrial Arts I-d.....	3
Chemistry I-a .....	5	Chemistry I-b (Lectures)....	3
Mathematics I-d .....	1	Chemistry II-a .....	3
Physical Training .....	1	Mathematics I-d .....	1
	—	Physical Training .....	1
Total .....	19	Total .....	19

## SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language .....	3	Modern Language II-b, or	
Mathematics II-a .....	3	English Literature .....	3
Physics II-a .....	5	Mathematics II-b .....	3
Chemistry II-b .....	4	Physics II-b .....	5
Chemistry I-c .....	3	Chemistry IV-a .....	4
	—	Chemistry I-d .....	3
Total .....	18	Total .....	18

## THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Mathematics III-a .....	3	Mathematics III-b .....	3
Biology I-a (Lectures).....	3	Biology I-b .....	3
Physics III-a .....	5	Physics III-b .....	5
Chemistry III-a .....	4	Chemistry III-b .....	4
Chemistry IV-b .....	4	Elective .....	3
	—		—
Total .....	19	Total .....	18

## PUBLIC HEALTH COURSE

The course outlined below is designed to prepare the student for public health service. Three years of the course is offered at this college, the fourth year must be taken at a standard medical college or other institution equipped for the work and approved by this college. The completion of this course entitles the student to the degree of Bachelor of Science in Public Health.

TENTATIVE COURSE OF STUDY LEADING TO THE DEGREE OF B. S.  
IN PUBLIC HEALTH

FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English Composition .....	3	English Composition .....	3
College Algebra .....	3	Trigonometry .....	3
General Botany .....	5	General Zoology .....	5
Inorganic Chemistry .....	5	Inorganic Chem. (Lectures) ..	3
Physical Training .....	1	Qualitative Analysis .....	3
	—	Physical Training .....	1
Total .....	17		—
		Total .....	18

SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language .....	3	Modern Language .....	3
Psychology .....	3	Comp. Vertebrate Anatomy ..	5
General Physics .....	5	General Physics .....	5
Qualitative Analysis .....	4	Quantitative Analysis .....	4
Mechanical Drawing .....	3		—
	—	Total .....	17
Total .....	18		

THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Modern Language .....	3	Personal Hygiene .....	3
Organic Chemistry .....	4	Physiological Chemistry .....	4
Bacteriology .....	5	Diagnostic Bacteriology and	
Microscopic Technique .....	3	Immunology .....	5
Accountancy .....	3	Histology .....	4
	—	Public Health Administration,	
Total .....	18	including Special Account-	
		ancy, vital statistics .....	3
			—
		Total .....	19

FOURTH YEAR

The work of this year will be done elsewhere than at this college, as stated above; it should include the following subjects:

Physiology	Epidemiology
Pathology	Clinical Pathology and Parasit-
Sanitary Engineering	ology
Medical Entomology	Mental and Social Hygiene
	Public Health Methods

## COURSE FOR THE TRAINING OF SOCIAL WORKERS

Arrangement has been made with the School of Social Work and Public Health, 1228 East Broad Street, Richmond, Va., of which H. H. Hibbs, Jr., Ph. D., is Director, whereby three years of work will be given at William and Mary and one year in the School of Social Work and Public Health, upon the completion of which the Bachelor's degree will be conferred.

The work will be as follows:

## FIRST YEAR

English	Chemistry
A Modern Language	History or Government
Mathematics or Latin	

## SECOND YEAR

A Modern Language	Labor Problems
Biology	History
Psychology	Home Economics
Economics	

## THIRD YEAR

English	Sociology
Chemistry or Physics, or some other science	Social Psychology
Government	Statistics
	Home Economics

## FOURTH YEAR

This work will be given in Richmond at the School of Social Work and Public Health and will consist of field service, case work with families, probation and work with Juvenile and Domestic Relations Court, problems of child welfare, rural problems, public health and sanitation, statistics and social investigation, administration, publicity, community organization, recreation, and community work.

In addition, extension courses will be offered in Richmond at the School of Social Work and Public Health. These courses will be offered for persons desiring credit at college or who have two years' college credit and desire to complete the third year in Richmond. A full outline of the courses to be offered by the School of Social Work and Public Health can be secured by writing to Dr. H. H. Hibbs, Jr., 1228 East Broad Street, Richmond, Va.

## COLLEGE SCHOLARSHIPS

There are various scholarships established in the college. Four of the number are known from their founders. The Corcoran Scholarship, founded by W. W. Corcoran, of Washington, D. C., 1867; the Soutter Scholarship, founded by Jas. T. Soutter, of New York, 1869; the Chancellor Scholarship, founded by Hon. Hugh Blair Grigsby, chancellor of the college, 1871; the Graves Scholarship, founded by Rev. Robert J. Graves, D. D., of Pennsylvania, 1872. These scholarships are conferred every year in recognition of general merit. They exempt Virginia students from the payment of all fees except the matriculation and athletic fees, and non-Virginia students from the tuition fee. A scholarship valued at \$50.00 has been established by the Phi Beta Kappa Society in recognition of the Alpha Virginia Chapter. This scholarship is awarded to a son of a member of the society. There are also two scholarships founded by Mr. R. M. Hughes, of Norfolk; one called the James Barron Hope Scholarship, awarded for the best poem in the college *Magazine*; the other called the Pi Kappa Alpha Scholarship, awarded to some member of the Pi Kappa Alpha fraternity for the best translation published in the *Magazine*. In addition to these, the college offers scholarships to a number of accredited high schools in the State. These scholarships exempt the student from the payment of all fees except the matriculation and athletic fees, and are renewable the second year if the holders thereof make satisfactory records the first year.

## WILLIAM BARTON ROGERS SCHOLARSHIP

This scholarship was established recently by the Massachusetts Institute of Technology in memory of William Barton Rogers, founder of the institute, and former student and professor at the College of William and Mary. The value is \$300, and it will be awarded by the faculty to some student of this institution who shall have taken sufficiently advanced work for entering the Institute of Technology with advantage.

## PHILO BENNETT LOAN FUND

This fund was established in 1905 by William Jennings Bryan, of Lincoln, Neb. It is part of a trust fund left by Philo Sherman Bennett, of New Haven, Conn., for the purpose of aiding deserving students. The proceeds of the fund are used to make loans to students needing assistance during their college career.

## SMOOT MEMORIAL LOAN FUND

This fund was established in 1913 by the Fairfax County Chapter, Daughters of the American Revolution, as a memorial to William Sotheron Smoot. The fund was donated by Mrs. Jane R. Smoot and is in the form of a loan which is to be made to some deserving student during his senior year in college.

## STATE TEACHERS' SCHOLARSHIPS

One hundred and thirty-two scholarships of the annual value of \$58 each are offered to prospective teachers. For a full account of these see page 76.

## The William and Mary System of Teacher Training

Since 1888 the College of William and Mary has served, in addition to being a standard college of liberal arts, as the State teachers' college for men. During this time a large proportion of the State school inspectors, division superintendents and influential principals have been those who were trained at this college. The emphasis of the Department of Education has been upon the administrative and other broad phases of educational work, leaving the emphasis on details of elementary method as the peculiar field of the State normal schools. With the rapid growth of high schools in the State and the admission of women, to the college by legislative action in 1918, William and Mary becomes *the State college for the training of high-school teachers and educational administrators*.

The William and Mary ideal for this professional training may be summarized thus: (1) sound scholarship over as broad a field as is practicable in a four-year collegiate course; (2) sufficient specialization to insure a *thorough* teaching knowledge in at least one department, such as English, classics, one modern language, mathematics, one of the sciences, history and social sciences, economics and commercial branches, physical education, manual arts, home economics, etc.; (3) a practical familiarity with the problems and best plans of class-room management and school organization; (4) a thorough training in pedagogical and psychological analysis of child activity, subject matter and teaching methods; (5) critical observation of some of the best and some typical high and elementary schools of Eastern Virginia, with more frequent and intensified observations in the training school; (6) carefully supervised practice in the teaching of at least one subject in which are applied systematically the theory, analytic approach and observation previously acquired.

### STATE SCHOLARSHIPS

The college offers one hundred and thirty-two State scholarships to young men and women who intend to teach in the public schools of the State. These entitle the holders to exemption



from most of the college fees. (See page 51.) The holders of these scholarships are required to sign a pledge to teach at least two years in the public schools of Virginia, and are also required to pursue a prescribed course of training for teaching as indicated below.

Every division superintendent of schools in the State is empowered by law to nominate, for appointment to State scholarships, as many students as his county or city has representatives in the House of Delegates, provided that every county and city shall be entitled to at least one scholarship. The nomination by the Superintendent must contain his endorsement of the applicant as to age, ability, moral character and general fitness to profit by a course of training for teaching.

Under the provisions of the law requiring the Board of Visitors to prescribe rules for the examination and selection of those applying for instruction as teachers, all persons nominated by the superintendents are required to give evidence by certificate or examination of the completion of fifteen units of high school work, under the same conditions as is required for admission of other students to college. As these scholarships are granted for the purpose of qualifying the holders to teach in the public schools, they may at any time be forfeited by negligence, disorderly conduct, failure to make proper progress, or any other reason justifying the faculty in concluding that the student cannot safely be recommended as a teacher. They are special privileges which must be deserved and may not be enjoyed by the incompetent or unworthy.

Division superintendents are asked to nominate all qualified applicants without regard to whether the quota for their division has been filled. The Board of Visitors is required by law to fill vacancies from the State at large and will ordinarily award any unused scholarships to such nominees. Care should be observed by superintendents, however, to nominate only those who are properly qualified and whom they believe to be desirable material for prospective teachers.

### TEACHERS' CERTIFICATES

The completion of sixty-three credit hours of the required work outlined for the first two years of either the Bachelor of Arts or the Bachelor of Science course and including Education I-a, I-b, II-a, II-b and II-c will entitle the student to the State Normal Professional Certificate. The completion of the require-

ments for a bachelor's degree including the five courses in Education indicated above and not less than nineteen credits in Education will entitle the student to a State Collegiate Professional Certificate. *All students holding State scholarships are required to pursue the regular courses leading to these certificates.* Both these certificates are valid for ten years and renewable for ten years as often as necessary, thus making them perpetual without examination. The Normal Professional is valid for teaching in any elementary school or the lower two years of a high school. The Collegiate Professional is valid in any public school position; it is the highest grade certificate issued in the State.

As its purpose is now fully accomplished by the Normal Professional Certificate, the Teachers' Diploma heretofore awarded by this college will not be given after 1921.

### COURSES FOR TEACHERS

Since professional training, sound general scholarship and some degree of specialization in the field in which one expects to teach are the three requirements for teacher training at William and Mary, students who propose to teach, including all who hold State scholarships, are expected (a) to pursue the regular courses leading to either the Bachelor of Arts or the Bachelor of Science degree; (b) to take one major in Education, and (c) to elect an adequate amount of work in the field in which they expect to teach.

Under this plan a prospective teacher may, in consultation with the head of the Department of Education, select a course which will thoroughly prepare him for any of the following positions: (a) high-school teacher of English, (b) of modern languages or classics, (c) of mathematics, (d) of history and social sciences, (e) of biological sciences, (f) of physical and chemical science, (g) of accountancy and commercial branches, (h) of domestic arts and science, (i) of manual arts and drawing, (j) of physical culture and athletics; or for supervisory work preparatory to positions as (k) superintendent, (l) principal, (m) rural supervisor, (n) supervisor of instruction, etc.

### SECURING POSITIONS

The college maintains a bureau to aid students and alumni in securing positions in educational work. Because of its thorough acquaintance with the educational system of the State, its recog-

nized success in the training of teachers and the strong demand for its graduates in the best schools and systems, every student completing one of the courses described above satisfactory to the faculty of the college is assured of being immediately placed in one of the best positions in the State for which he is qualified. No charge is made for this service.

## Observation and Practice School

---

HENRY EASTMAN BENNETT  
*Supervisor and City Superintendent*

W. CARTER BLEIGHT  
*Principal, Mathematics*

ALICE TILLEDGE KENNARD  
*Latin and History*

DOROTHY GEIGER  
*English.*

W. Q. STRONG  
*Agriculture.*

A. P. ELLIOTT  
*Science.*

INGER SCHEIE  
*Home Economics.*

ADELAIDE E. BLOXTON  
*Sixth and Seventh Grades*

DORA ARMISTEAD  
*Fifth Grade*

SARAH JOHNS  
ELIZABETH EVERETT  
NOLIA INMAN  
*Primary*

The public graded and high school of Williamsburg, under the joint control of the city school board and the college, constitutes the Observation and Practice School for the Department of Education. It affords to student teachers a good practicable model of organization and instruction in a school of its class. Throughout the teachers' courses the students are kept in close touch with the working out of educational problems at the school

and frequent observations with formal reports and class discussions are required. Practice teaching under a system of careful supervision and criticism is required of all students in teachers' courses.

The city of Williamsburg is erecting for the accommodation of this school a handsome and adequate brick building at a cost of approximately \$75,000.00. It is attractively designed in harmony with its colonial setting; contains an excellent auditorium and is well furnished, equipped and arranged for the purposes which it is to serve. It stands in the center of the city, at the head of the Palace Green and adjacent to the site of the historic palace of the royal governors of Virginia. Standing precisely upon the site of the ancient palace, and to be connected with the new building by a colonade, is the pretty little four-room school building known as the "Mattey School." This latter building, including the gardens of the palace of the colonial governors, is the property of the college. It was constructed in 1867 from a fund left by Mrs. Mary Whaley, who in 1706 founded the original "Mattey School" on Queen Mary's Road nearby for the benefit of the poor children of the parish and in commemoration of her little son Matthew, who died the preceding year; as expressed in her will "to immortalize Mattey's name forever." It is doubtful if any public school in America has a more interesting history or stands upon a site so rich in historic associations.

In addition to the facilities for observation and practice in the schools of Williamsburg, students are given opportunities to study the schools of Richmond, Newport News, Norfolk and other nearby rural and city schools and Hampton Institute.

## Students Taking Normal Work

---

\*Ackiss, P. W.  
\*Akers, I. D.  
\*Allen, H. H.  
\*Almand, C. A.  
    Anderson, F. L.  
\*Barksdale, Martha  
\*Barnes, H. C.  
    Bentley, G. C.  
\*Berger, Lucy E.  
\*Bland, J. R.  
\*Boyer, W. H.  
    Bridgeforth, J. W.  
\*Brooks, J. A.  
\*Burcher, M. C.  
\*Bush, L. E.  
    Campbell, R. D.  
\*Chandler, F. F.  
    Chappell, J. R.  
\*Cheatham, W. H.  
\*Clark, T. C.  
\*Connellee, E. L.  
\*Conway, J. A.  
\*Copeland, R. W.  
\*Cox, W. J.  
\*Davis, Estelle  
\*Dennis, Catherine  
\*Dickinson, W. A.  
\*Duff, C. D.  
\*Duff, H. L.  
\*Duling, Annie  
\*Eades, Mary  
    Elder, Sue  
\*Elliott, A. P.  
\*Faison, J. O.  
\*Farmer, W. W.  
\*Fentress, H. S.  
    Finks, Zella  
\*Foster, M. D.

\*Fulcher, O. H.  
\*Garber, W. E.  
\*Goslee, A. H.  
\*Green, E. S. H.  
\*Hall, S. C.  
\*Hamilton, Ethel  
\*Harris, Elizabeth  
\*Havens, H. A.  
\*Henley, J. T.  
\*Henley, R. L.  
\*Hillard, M. M.  
\*Holmes, H. S.  
\*Hoskins, W. H.  
\*Hudson, B. H.  
\*Hudson, J. G.  
\*Hudson, W. R.  
\*Jennings, R. C.  
\*Joyner, A. D.  
\*Joyner, M. B.  
\*Kennedy, Blanch  
    Kohout, Bozena  
    Kohout, Marie  
\*Land, W. E.  
\*Lanford, Ossie  
\*Lawson, Thelma  
\*Lee, Elizabeth  
    Lee, Margaret  
\*Lewis, H. M.  
\*Lohr, E. W.  
\*Love, V. J.  
\*Manson, F. S.  
\*Marston, Lucille  
\*Moore, G. W.  
\*Musick, A. R.  
\*Oliver, W. W.  
\*Owen, R. H.  
\*Parrish, R. J.  
\*Peake, W. D.

---

\* Pledged to teach two years in the public schools of Virginia.

*Powell, Wilma	*Stanley, J. A.
*Pride, R. H.	*Starnes, M. F.
*Pride, Frances	Stratton, Mabel
*Pride, Thelma	*Tatem, Mary
*Pride, W. H.	Terrill, Dorothy
*Ramsey, A. D.	*Thompson, R. R.
*Reeve, Dorothy	*Thomson, Virginia
Reid, Edna	*Topping, C. E.
*Reynolds, Hilda	*Tyler, D. G.
*Riddell, Mary	Vaughan, Ruth
*Roach, C. T.	*Waldrop, M. A.
*Robinson, P. A.	*Wallace, R. P.
*Ruffin, Mary	Ward, W. F.
*Scheie, Inger	Waters, Louise
Scott, Elizabeth	*Weddle, W. M.
*Settle, L. H.	Wilkins, Marie
*Shell, Ruth	*Wilshin, F. F.
*Simmons, L. W.	*Witten, T. R.
*Sisson, R.	*Young, T. J.
*Smith, H. C.	*Zehmer, J. A.
*Spain, H. L.	*Zollinger, C. A.

---

\* Pledged to teach two years in the public schools of Virginia

## School of Finance and Business Administration

---

The School of Finance and Business Administration of the College of William and Mary was established by act of the Board of Visitors in June, 1919.

The course of study of the School of Finance and Business Administration is designed to offer four years' work of college grade, with emphasis upon three distinct aims: (1) to give to the student the essentials of a liberal education; (2) to provide the technical training in commerce, industry and finance necessary for the successful management of business enterprises; and (3) to assure such a broad understanding of our various economic, social, and political questions as will render the graduate a safe and sane public leader.

The value of a liberal education needs no explanation. Reference to a publication such as "Who is Who in America" discloses the fact that the chances of attaining prominence are ten to one in favor of the college graduate as compared with the man who has had merely high school training.

The necessity for technical training as preparation for business is no longer questioned. The rapid development of our foreign commerce has opened new fields of endeavor. In banking, manufacturing, insurance, and every field of business enterprise, scientific methods have superseded the rule-of-thumb methods heretofore followed. Learning business by actual experience is now generally recognized to be too slow and costly a process. Business is undergoing constant changes. New standards of efficiency and service are being enforced in connection with every phase of its practice. The opportunities for both men and women are rapidly coming to be limited only by the capacity of the individual concerned and by the training to which that capacity has been subjected.

Neither pure culture nor mere technical efficiency, however, provides the understanding and discernment necessary for the proper solution of the various economic, social, and political questions which, even more than formerly, have confronted this nation since the beginning of the present period of reconstruction.



Changed conditions have added complexity to our various unsolved problems. New and grave issues will continue to arise. To perpetuate and maintain the highest ideals of Americanism the country must have strong, able, and sane leaders, a large number of whom must come from the business men. This college is the first to make a serious effort to train men for such leadership by including in its curriculum certain courses in government, economics, etc., which will give to future leaders a thorough understanding of the fundamental principles involved in the various problems likely to arise.

### THE PUBLIC ACCOUNTANT

Accountancy, the youngest profession, has already won a place equal in dignity to engineering and law. The growing size and complexity of the business units of today are calling for more accurate and scientific knowledge of accounts, and for the proper interpretation of business records. Mere bookkeeping does not suffice. Moreover, the government through its new tax laws is demanding accuracy in accounts. These conditions have brought into prominence the profession of the accountant. There is, perhaps, no profession today which offers so large a financial return under congenial surroundings as that of public accountant.

The College of William and Mary, through its School of Business Administration and Finance, is thoroughly equipped to prepare for the C. P. A. examinations of this and other States, as well as to train men and women for filling the higher positions in the field of accounting.

The college conducts in Richmond, under the personal supervision of its regular faculty, the Virginia State School of Accountancy. Its sessions are held in the evening and are largely attended by lawyers, bankers and other business men.

### INSTRUCTION BY TRAINED TEACHERS AND BUSINESS MEN

The teaching staff of the school consists of (1) persons whose profession is to teach and who are devoting their lives to the study of business; (2) successful business men who are secured for special courses or lectures in subjects upon which they are able to speak with authority. Each professor who teaches in the college halls at Williamsburg also teaches the same courses in extension evening classes to practical business men in Newport News, Norfolk and Richmond. Students in the College of Wil-

William and Mary, therefore, have the unique advantage of contact both with trained investigators and scholars, and with the practical man of affairs.

### SPECIAL FEES

In accountancy and several other subjects the student is supplied with lecture notes, practice sets, and other laboratory material. The cost of these average \$12.00 a year in the accountancy courses and about \$5.00 in certain other subjects.

## COURSE OF STUDY LEADING TO THE DEGREE OF BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

### FIRST YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English I-a .....	3	English I-b .....	3
Mathematics I-a .....	3	Mathematics I-b .....	3
Economics I-a .....	3	Economics I-b .....	3
Modern Language I-a.....	3	Modern Language I-b.....	3
Science I-a .....	5	Science I-b .....	5
	—		—
Total .....	17	Total .....	17

### SECOND YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
English II-a .....	3	Science .....	5
Modern Language II-a.....	3	Business Law II-b.....	3
Economic History of the U.		Mathematics of Business II-d.	2
S. II-a .....	3	Bus. Communications II-c...	1
Political Science II-a.....	3	Geography of Commerce II-b,	3
Psychology I-a .....	3	Business Organization II-e...	3
	—		—
Total .....	15	Total .....	17

### THIRD YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Accountancy III-a .....	3	Accountancy III-b .....	3
Business Law III-c.....	3	Business Law III-d.....	3
Constitutional Law III-a....	3	Money and Banking III-a....	3
Transportation III-b .....	3	Foreign Commerce III-g.....	3
Industrial Management III-d.	2	Public Utilities III-j.....	2
	—	Insurance III-f .....	2
Total .....	15		—
		Total .....	15

## FOURTH YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Accountancy IV-a .....	3	Accountancy IV-b .....	3
Business Law IV-c.....	3	Business Law IV-d .....	3
Statistics IV-a .....	2	Industrial Relations IV-b....	2
Government Relation to In-		Public Finance IV-d.....	3
dustry IV-c .....	3	Sociology IV-g .....	3
Corporation Finance IV-e... 3		Office Management IV-h....	2
	—		—
Total .....	14	Total .....	16

## FIFTH YEAR

FIRST TERM.	Hours	SECOND TERM.	Hours
Accountancy V-a .....	2	Accountancy V-b .....	2
Electives .....	13	Electives .....	13
	—	Thesis .....	—
Total .....	15	Total .....	15

During the fifth year the student will include among the electives additional courses in finance and administration not previously taken.

## GRADUATION.

Above is outlined a five-year course in Business Administration. The satisfactory completion of the first four years leads to the degree of Bachelor of Arts in Business Administration. Upon the completion of the fifth year's work the degree of Bachelor of Business Administration will be conferred.

## Extension Division

---

Through the Extension Division the college seeks to serve the needs of those whose time and other circumstances do not permit attendance upon the classes in Williamsburg. The work is carried on by the regular members of the faculty by means of evening classes in Richmond, Norfolk and Newport News. This department was organized in September of 1919 at the urgent request of local civic bodies and educational authorities. Its existence is amply justified by the fact that during the school year of 1919-20 more than three hundred men and women of maturity in the several cities named enrolled in and completed one or more courses of college grade. The work is conducted in co-operation with the local public schools, most of the classes being held in quarters furnished by the school board.

The general aim of the Extension Division may be summarized as follows: (1) to provide for all properly prepared persons living in the larger cities near Williamsburg an opportunity to secure the essentials of a broad, liberal, education without leaving their present occupation; (2) to promote a more intelligent type of citizenship and a better understanding of the fundamental ideals of Americanism through special courses in political science and government; (3) to provide an opportunity whereby teachers in the public schools can advance professionally, or secure a renewal of their certificates; (4) to provide technical training in accountancy and law in preparation for the State C. P. A. and law examinations; (5) to give to business men certain technical courses in finance and commerce which will enable them to meet the various business problems arising out of the present period of reconstruction.

### STANDARD OF WORK OFFERED

All evening courses offered in Richmond, Norfolk and Newport News, with the exception of certain courses in law and technical business for which local specialists are secured, are given by regular members of the faculty of the college, and are of full college grade. During the past year each course covered a period of twenty-seven weeks, classes meeting weekly for a

two-hour session, fifty-four hours. Each evening course requires the same amount of preparation, and receives the same credit as equivalent courses offered in the college halls in Williamsburg.

### SUBJECTS OFFERED

The college is prepared to offer courses in any subject for which there is a demand, as expressed by a registration of at least fifteen students. Among the courses offered during the past year are the following: Accountancy (3 classes); commerce, general psychology, psychology of efficiency, Spanish, English (2 classes); education, law of contracts, agency, corporations, partnership, and negotiable instruments (3 classes); history, American government (3 classes).

### PLACES FOR MEETING

In Richmond the evening classes are held in the rooms of the Medical College of Virginia, Eleventh and Clay Streets, and the John Marshall High School; in Norfolk, in the Maury High School, Fifteenth and Moran Streets; in Newport News, Daniel School Building, 222 Thirty-second Street.

### FEES

The instruction is provided free of cost by the college; in order to defray the traveling expenses of the professors each student pays a registration fee of \$20.00 for one subject, or \$30.00 for two or more subjects. This fee is payable in advance.

### HOURS FOR LECTURES

Most evening classes meet between the hours of 7:30 and 9:30 P. M. and on Saturday morning from 9:00 A. M. to 1 P. M.

### ADMISSION

Students in the evening extension classes are divided into two classes, i. e., regular and special. Regular students are those who have completed a four years' course in an accredited high school and are able to satisfy the requirements for admission to the freshmen class of the College of William and Mary. Persons over twenty years of age, who are unable to qualify as regular students but who, because of business experience and

maturity can profit by the courses desired, are admitted as special students. Persons who are deficient in their preparatory training are advised to consult with the principals of their local evening high schools, who frequently arrange special classes for adults if a sufficient number apply.

#### INFORMATION REGARDING COURSES, ETC.

For further information regarding courses offered during the session of 1920-'21, address

DIRECTOR OF EXTENSION COURSES, COLLEGE OF WILLIAM  
AND MARY, Williamsburg, Va.

## Extension Students

---

### RICHMOND EXTENSION

- Allen, P. L.—Accounting, Law.  
Allen, Robert W.—Accounting.  
Balton, J. P.—Accounting.  
Brausticker, Charles E.—Accounting, Law.  
Broidy, Edward W.—Accounting.  
Cogger, Wm.—Accounting, Law, Psychology.  
Cosby, A. Bernard—Accounting, Law.  
Dalton, John P.—Accounting, Law.  
Duke, Walter G.—Accounting.  
Elliott, J. C.—Accounting, Law.  
Fairbank, John J.—Accounting, Law.  
Fairbank, Luke H.—Accounting, Law.  
French, R. P.—Accounting, Law.  
Gathright, F. B.—Accounting.  
Ganzert, George B.—Accounting.  
Gerlach, Chas. E.—Law.  
Grubbs, Thomas R.—Accounting, Law.  
Hamner, T. F.—Accounting.  
Harton, Wm. H.—Accounting, Law.  
Hunt, I. T., Jr.—Accounting.  
Hunter, E. S.—Accounting, Law.  
Lafoon, Taylor L.—Accounting, Law.  
Lawder, E.—Accounting.  
Lawson, Mrs. N. C.—Accounting.  
Leath, Bruce T.—Accounting.  
Lucas, W. L.—Accounting, Law.  
Lutto, George A.—Accounting.  
McConnell, S. L.—Accounting, Law.  
Mann, Herbert S.—Accounting.  
Massey, Ivor—Accounting, Law.  
Minor, Miss A. J.—Accounting, Law.  
Mullen, W. Albert—Accounting.  
Newell, Marshall N.—Accounting, Law.  
Peaseley, Carter A.—Law.  
Ridenour, J. L., Jr.—Accountancy.  
Schutte, R. J.—Accounting.  
Simmons, S. T.—Accounting.  
Shultice, Wavely A.—Law.  
Smith, M. D.—Accounting, Law.  
Steger, G. R.—Accounting.  
Striley, John A.—Accounting.  
Sutherland Clifton E.—Accounting.  
Swann, Thomas R.—Accounting, Law.  
Swindell, Jefferson D.—Law.  
Thomas, N. Rowe —Accounting, Law.  
Trueman, Chas. S.—Accounting, Law.  
Trueman, W. C., Jr.—Accounting, Law.  
Tucker, A. C.—Accounting.  
Waldbauer, R. O.—Accounting, Law.  
Wood, Kenneth C.—Accounting, Law.  
Walker, J. N.—Accounting.

## NORFOLK EXTENSION

- Alfred, Virginia B.—Psychology.  
 Allison, H. A.—Accounting, Business Law.  
 Barton H. M.—History, Psychology, Government, Education.  
 Bennett, Eva A.—Psychology.  
 Blake Annie W.—Education, History.  
 Broh, Doris—Psychology.  
 Carter, Linda C.—Psychology, Education, Government.  
 Croney, Titus M.—Accounting, Law, Psychology.  
 Creech, A.—Law.  
 Curry, Mrs. D. M.—Education, History.  
 Deskins, Stuart C.—Accounting, Law.  
 Dupuy, John Watkins—Accounting.  
 Everett, J. E.—Accounting.  
 Fales, C. W.—Education, History.  
 Gallalee, Roger M.—Psychology.  
 Games, Lemuel F.—Accounting, Law, Psychology.  
 Graves, Eugene L.—Psychology.  
 Hammor, J. Ward—Law.  
 Heppe, Walter—Accounting, Psychology, Law.  
 Holland, Ralph F.—Law.  
 Hollingsworth, A. J.—Law, Accounting.  
 Howard, E. H.—Law, Accounting, Psychology.  
 Jakeman, Albert J.—Accounting, Law, Government.  
 Johnson, Edna M.—Education, History.  
 Jordan, Alberta G.—Education, History.  
 Jordan, Susa D.—Accounting.  
 Jordan, W. F.—Accounting.  
 Joynes, Mrs. E. B.—Accounting.  
 Kroh, John G.—Accounting, Law, Psychology, Government.  
 Lipkin, Jennie—Psychology.  
 Lowenberg, Eloise—Psychology.  
 Matthews, Zalma E.—Accounting, Law, Psychology.  
 Mednick, Leo—Psychology, Law, Government.  
 Morris, Bessie—Psychology, Government, Education, History.  
 Nauman, Helen G.—Psychology, Education.  
 Norma, Louise B.—Psychology.  
 Owens, C. D.—Accounting, Law.  
 Parker, George A.—Psychology.  
 Prack, William—Accounting, Law, Government.  
 Reese, Irvin C.—Accounting, Law.  
 Reynolds, Annie L.—Education, History.  
 Reynolds, B. V.—Accounting, Law.  
 Richardson, L. W.—Law, Accounting.  
 Romm, J. E.—Accounting, Law.  
 Salzburg, Aaron—Psychology.  
 Schulz, C. E.—Accounting.  
 Schur, Katherine G.—Accounting, Psychology.  
 Steen, S. A.—Accounting.  
 Williams, Wilmer W.—Accounting, Law.  
 Stanley, William—Law, Accounting.  
 Sutton, Walter M.—Accounting, Law.  
 Tulbert, Ruby—Psychology, Government, Education, History.  
 Stanley, J. J.—Accounting, Law.  
 Wynne, S. L.—Accounting.



## NEWPORT NEWS EXTENSION

- Acree, Grace D.—Government, Education.  
 Aderholt, Ethel—English, Law.  
 Alexander, Fred M.—English.  
 Alexander, V. T.—Accounting, Law.  
 Alger, Miss S.—Transportation, Accounting, Law.  
 Anderson, R.—Accounting.  
 Bagley, Thos., Jr.—Accounting, Law.  
 Barclay, Bessie—Spanish.  
 Batten, C. M.—Accounting, Law.  
 Beyer, E. L.—Accounting, Government.  
 Blanton, Miss—Education.  
 Blectstein, Lewis—Accounting.  
 Blitzer, E. L.—Psychology.  
 Bransford, T. H.—Accounting, Law.  
 Brewer, Annie L.—Psychology, English, Spanish, Government.  
 Brown, J. H.—Transportation, Spanish, Law.  
 Brushwood, H. E.—English.  
 Brushwood, H. A.—Language.  
 Bunkley, Mattie H.—Government, Education.  
 Buxton, Margaret—English.  
 Carter, Elmo—Psychology.  
 Carter, R. B.—Law.  
 Carter, W. E.—Accounting.  
 Clarke, A. W.—Accounting, Law.  
 Cochran, J.—Accounting, Law.  
 Cohen, B. F.—Law.  
 Coleman, J. W.—Spanish.  
 Conner, A. M.—Accounting, Psychology, Law.  
 Conner, J. B.—Accounting, Law.  
 Conner, Miss M. K.—Accounting.  
 Cooke, G. B., Jr.—Government, Law.  
 Craven, N. T.—Transportation  
 Crosswell, G. W.—Accounting, Law.  
 Dean, Frederick — Accounting, Law.  
 DeShazo, Cecelia—Transportation, Law.  
 Dick, David — Transportation, Law.  
 Driscoll, John F.—Accounting, Law.  
 Davis, Gertrude M.—Education.  
 Edwards, Mae—English, Government.  
 Fleetstein, Lewis—Law.  
 Ficklen, J. L.—Accounting, Law.  
 Fitzgerald, G. D.—Transportation, Accounting, Law.  
 Foies, Frank A.—English, Government, Law.  
 Frieland, Elsie—Law.  
 Garrett, B. L.—Accounting, Law.  
 Gray, Alan F.—Law.  
 Gray, Ola F.—Transportation.  
 Gross, H. D.—Accounting, Law.  
 Guard, Florence C.—Education.  
 Harris, Eugena—Government, Education.  
 Harris, R. N.—Accounting.  
 Hicks, C. F., Jr.—Accounting, Law.  
 Hiebler, Harry G.—Transportation, Law.  
 Hileman, C. F., Jr.—Law.  
 Hoskins, Janet—English, Psychology, Spanish, Government.  
 Hoskins, Winnie—English, Spanish, Psychology.  
 Howell, A. L.—Law.  
 Howison, Mary S.—English.  
 Ivy, Elizabeth—Spanish, Government.  
 James, E. R.—Law.

- James, W. A.—Transportation.  
 Jennings, W. L.—Accounting.  
 Jessup, Lloyd—Accounting.  
 Jones, H. H.—Transportation,  
 Government, Law.  
 Jones, Mary W.—English.  
 Jones, W. D., Jr.—English.  
 Lewis, Ida R.—English, Psychol-  
 ogy.  
 Lowe, J. M.—Law.  
 Lytle, C. F.—English.  
 Mackler, M. J.—Transportation,  
 Accounting, Law.  
 McFall, E. A.—Accounting, Law.  
 McKraig, Psychology.  
 McMahon, W. T.—Transportation,  
 Accounting.  
 Minton, Susan—English, Spanish.  
 Munikhuysen, L.—Accounting.  
 Murray, Mrs. L.—English, Span-  
 ish.  
 McMahon, J. M.—Law.  
 Nelson, L. M.—Transportation,  
 Government.  
 Newton, J. M. K.—Accounting  
 Newton, J. M. C.—Law.  
 Nicholas, Harry T.—Accounting,  
 Law.  
 Norden, Henry F.—Transporta-  
 tion, Law.  
 Parker, Annie J.—English, Span-  
 ish.  
 Payne, C. B.—Accounting, Law.  
 Phillips, E. V.—Accounting.  
 Phillips, E. K.—Law.  
 Powell, Mabel—English, Govern-  
 ment.  
 Powell, Ruth—English, Govern-  
 ment.  
 Pugh, J. L.—Accounting, Law.  
 Reynolds, A. M.—Law.  
 Richardson, Florence—English,  
 Government, Education.  
 Robinson, Matailda—English.  
 Ronemous, A. D.—Law.  
 Ronemous, C. D.—Accounting.  
 Rountree, A. L.—Accounting,  
 Law.  
 Rountree, Elmo—Accounting,  
 Law.  
 Rowe, J. M.—Transportation.  
 Saunders, Lillie A.—English, Gov-  
 ernment.  
 Scruggs—Mrs. Annie P. English.  
 Shea, R. L.—Spanish.  
 Somers, G. W.—Accounting, Law.  
 Smith, Reba A.—Transportation,  
 Accounting, Law.  
 Snell, Laura—Law.  
 Strong, R. L.—Psychology.  
 Saunders, M. Roberta—Education.  
 Talman, J. J.—Accounting.  
 Thomas, J. T.—Accounting.  
 Varner, J. H.—Accounting, Law.  
 Violette, J. B.—Transportation,  
 Law.  
 Warren, L. E.—Government.  
 Waterfield, Frances—Spanish.  
 Watrous, W. S.—Accounting,  
 Law.  
 Webb, N. J.—Government.  
 Weger, H. I.—Law.  
 West, A. T.—Accounting, Law.  
 Whissom, Mrs. G.—Spanish.  
 Wilan, N.—Psychology.  
 Wilbur, Mrs.—Education.  
 Williams, J. D.—Law.  
 Wilson, Marguerite—English.  
 Webb, K. Blanche—Education.

## Courses of Instruction

---

### DEPARTMENT OF THE ENGLISH LANGUAGE AND LITERATURE

PROFESSOR HALL

ASSOCIATE PROFESSOR JACOB

INSTRUCTOR, BESSIE P. TAYLOR

*Courses I-a and I-b.*—Rhetoric: The sentence; the paragraph; description; exposition; narration; argumentation. Frequent themes. Note taking. Study of selected essays and biographies. Three hours a week; both terms; six credits.

*Course II-a.*—The study of words; words and their ways in English speech; slang; fashions in language; various phenomena of speech; the origin of language. Three hours a week; first term; three credits.

*Course II-b.*—Grammar: Inflections; syntax; analysis. Several standard grammars compared. This class is primarily intended for prospective high school teachers, but will be useful to others. Three hours a week; second term; three credits.

*Course II-c.*—Oral expression: Exercises in oral delivery; readings from standard literature; faults in enunciation and pronunciation corrected. Three hours a week; first term; three credits.

*Course III-a.*—Analytical study of a play of Shakespeare, with parallel reading. Technique of the drama. Essays. Three hours a week; second term; three credits.

*Course III-b.*—History of the English language from the earliest times to the present. Inflectional changes; relation of English to other languages. Three hours a week; second term; three credits.

*Course IV-a.*—The study of usage; disputed points in usage and syntax. What is good English? Laboratory work in the college library. Three hours a week; first term; three credits.

*Courses IV-b and IV-c.*—The short story, its history and its technique. This class will write short stories for the magazine. Those expecting to offer for this course will confer with the in-

structor as to the gathering of material for the next session's work. Three hours a week; both terms; six credits.

*Course IV-d.*—American poetry, with stress upon the major poets. Parallel reading. Essays for the college magazine. (For Juniors and Seniors.) Three hours a week; second term; three credits.

*Course IV-e.*—Ballads: a study of ballads as a special department of literature. The Robin Hood cycle emphasized. Origin of the ballad, various theories. Essays for the magazine. (For Seniors chiefly.) Three hours a week; second term; three credits.

*Courses IV-f and IV-g.*—Anglo-Saxon begun in the first term. Fifty pages of prose and poetry covered in the session. Three hours a week; both terms; six credits.

## CHEMISTRY

PROFESSOR GARRETT

PROFESSOR ROBB

LABORATORY ASSISTANTS

L. W. SIMMONS

W. H. CHEATHAM

GENERAL INORGANIC CHEMISTRY

PROFESSOR GARRETT

*Course I-a.*—*Elementary Inorganic Chemistry.* Descriptive and experimental lectures, recitations, tests, problems, with laboratory work. Three lectures a week and two laboratory periods a week; first term; five credits.

*Course I-b.*—This course is a continuation of Course I-a. Prerequisite, Course I-a or its equivalent. Three lectures a week and two laboratory periods a week; second term; five credits.

*Course I-c.*—*Advanced Inorganic Chemistry.* Prerequisites, Courses I-a and I-b, or their equivalent. Three lectures a week and two laboratory periods a week; first term; five credits.

*Course I-d.*—This course is a continuation of Course I-c, which is a prerequisite. Three lectures and two laboratory periods a week; second term; five credits.

## ANALYTICAL AND ORGANIC CHEMISTRY

PROFESSOR ROBB

*Course II-a.—Qualitative Analysis.* This course is required of all first year students in the pre-medical, agricultural and engineering courses in addition to the lecture course in Chemistry I-b. For other than pre-medical, agricultural and engineering students, the prerequisites are Chemistry I-a and I-b. Lecture one hour, laboratory four hours a week; second term; three credits.

*Course II-b.—Continuation of Course II-a.* Prerequisites, Chemistry I-a, I-b and II-a. Lecture, one hour; laboratory, four hours; first term; three credits.

*Courses III-a and III-b.—Organic Chemistry.* A course designed to cover the most important theories, processes and underlying principles of organic chemistry. Lectures, two hours; laboratory, four hours a week throughout the year; eight credits. Prerequisites, Chemistry I-a and I-b.

*Course IV-a.—Quantitative Analysis.* Chiefly volumetric. Lecture, one hour; laboratory, six hours a week; second term; four credits. Prerequisite, Chemistry III-a.

*Course IV-b.—Continuation of Course IV-a.* Commercial methods used in analysis of ores, fertilizers and food-stuffs. Lecture, one hour; laboratory, six hours a week; first term; four credits. Prerequisite, Chemistry IV-a.

## INDUSTRIAL ARTS

PROFESSOR CRAWFORD

*Course I-a.—*This course deals with those typical forms of industrial arts work which are practical in the first six grades of the elementary school. It aims to secure a method of instruction that will emphasize thinking about concrete objects with relation to industrial uses; the projects include simpler phases of weaving, sewing, clay-working, wood, metal and paper-working. The application of design to these projects is cared for. The relation of nature study, geography, history, art, literature and arithmetic to the course are considered. Two laboratory periods a week; two credits.

*Course I-b.—*This course includes a consideration of industrial arts in the junior and senior high school; the relationship of

industrial arts to other studies; the organization of and development of courses of study; the planning and use of equipment; practical work in the demonstration shop and laboratory in appropriate work in wood, metal, concrete construction and printing. Three laboratory periods a week; second term; three credits.

*Course I-c.—Mechanical Drawing.* A course in elementary mechanical drafting, comprising a general view of the subject of instrumental geometrical drafting and the ultimate object to be attained. Drafting instruments and materials, their care and use; the arrangement of geometrical problems sufficiently numerous and varied to lead up to the making of mechanical drawing; lettering, mechanical and free hand; elements of projections; working drawings. Lectures, one hour a week; laboratory, four hours a week; first term; three credits (toward B. S. degree). Prerequisite, Geometry.

*Course I-d.—Mechanical Drawing (Engineering).* Orthographic, Isometric and cabinet projections; drawings from working sketches of machine details; tracing; blue-printing, and elements of descriptive geometry. Lecture, one hour; laboratory, five hours a week; first term; three credits. Prerequisites, Industrial Arts I-c.

*Course II-a.—Topographical Drawing (Engineering).* Topographical maps, contour plans, conventional methods, preparation and making of such maps. Lecture, one hour a week; laboratory, four periods a week; first term; three credits. Prerequisite, Industrial Arts I-c and I-d. Required for *Civil Engineering*.

*Course II-b.—Mechanical Drawing.* Special phases adapted to the needs of the student. Three hours a week; first term; three credits.

*Course II-c.—Mechanical Drawing (Engineering).*—Making drawings and calculations setting forth the general principles of descriptive geometry, machine design. Three hours a week; second term; three credits. Prerequisites, Industrial Arts II-a.

*Course III-a.—Industrial Engineering.* Study of the origin of the industrial systems; principles of industrial organizations; forms of industrial ownership; nature and distribution of expense; the primary wage systems; philosophy of management, and the buying, handling and use of materials. Three hours a week; first term; three credits. Prerequisites, Industrial Arts V and VI. Elective for Engineers

## FINE ARTS

PROFESSOR CRAWFORD

*Course I-a.—Freehand Drawing.* Application to school problems. Color analysis as a force. Specific mission, application to textiles, interiors, costumes. A course required of holders of State scholarships who have not had the subject. A prerequisite for Drawing II. Two hours a week; first term; two credits.

*Course I-b.—Blackboard Drawing.* Rapid blackboard sketching, use of the blackboard in teaching. Type characteristics emphasized; drawing from nature, flowers, still life, animals and figures. Memory sketches. Mediums—chalk, charcoal and crayon. Two hours a week; second term; two credits. Prerequisite, Fine Arts I.

*Course I-c.—Design and Decoration, Costume and Home.* Study of general principles of designing, space breaking and filling, line harmony, structure of pattern, distribution of dark and light in a space, tone values, simple color arrangements. Application in design directly related to the problems of both the home and costume. Two hours a week; second term; two credits. Prerequisite, Fine Arts I (Home Economics course).

*Course II-a.—Art Appreciation and History.* Appreciative study of Paints, sculpture, architecture and design in historical development. The nature of space arts, principles common to them all, art structure, composition of line and mass, color theory, art criticism. One hour a week; first term; one credit.

*Course II-b.—Art Appreciation and History.* In the historical study, general chronological order is followed, but facts as to dates and periods are to be derived from text book, Reinach's *Apollo*. Readings tested by written exercises. These courses illustrated by lantern slides and projections. One hour a week; second term; one credit.

*Course II-c.—Sight Singing and Melodic Dictation.* Consists of a study of the elements of music, their compositions into forms and their notation. Through progressively arranged steps the student is helped to write what he hears and sing what he sees. Two hours a week; first term; two credits.

*Course II-d.—Part Singing, Its History and Psychology.* Planned to import a deeper and broader comprehension of the harmonic, rhythmic and formal structure of music, as well as a

more ready appreciation of the aesthetic and emotional significance of the tone combinations. Two hours a week; second term; two credits.

## EDUCATION

PROFESSOR BENNETT

PROFESSOR GEIGER

PROFESSOR —————

*Course I-a.—Educational Psychology.* A practical inductive study of the factors controlling human behavior and their modification through the educative process. The course aims (a) to teach the student at the outset of his college work the most effective methods of study, (b) to cover the essentials of practical psychology, (c) to lay a working basis for the subsequent courses in Education. Observations at the Training School supplement the text, lectures and library study. Required of all holders of State scholarships. Three hours a week; first term; three credits.

*Course I-b.—School Management and Types of Teaching.* Practical study of school equipment, hygiene, organization and discipline, community relations, and the interpretation of the course of study into class teaching. Observations, reports, texts, readings and discussions. Required of all holders of State scholarships. Three hours a week; second term; three credits.

*Course II-a.—Principles and Methods of Teaching.* Methods and types of teaching applied in the analysis and planning of lessons, and in the aims, motivation and correlation of the several common branches. Important current educational doctrines and literature are studied. Observations, reports, texts, readings and discussions. Required of all holders of State scholarships. Three hours a week; first term; three credits.

*Course II-b.—Educational Theories, Laws and Systems.* Biographical review of great educational reformers, their theories and contributions, with a study of State and national systems and the school laws of Virginia. Readings, texts and discussions. Required of all holders of State scholarships. Three hours a week; second term; three credits.

*Course II-c.—Practice Teaching.* Preparation of lesson plans and teaching classes in Practice School. One hour a day for ten weeks at hours in both terms to be arranged with individ-



ual students. Longer time will be required of students whose progress is not satisfactory. Required of all holders of State scholarships. Three credits.

*Course III-a.—School Supervision.* Deals with the larger problems of school organization. Arranged and recommended especially for principals and superintendents. Courses III and IV or equivalent study and experience is prerequisite. Three hours a week; second term; three credits.

*Course III-b.—Moral Education.* Efficient, vigorous, growing moral character considered as the ideal of education and a study of methods of teaching school subjects, class management, school organization, and direct ethical instruction of children, to attain this end. Adapted for teachers, principals and ministerial students. Two hours a week; first term; two credits.

*Course III-c.—Philosophy of Education.* A study of psychological, biological and sociological aspects of education. For advanced students. Two hours a week; second term; two credits.

*Course III-d.—History of Education.* Ancient and Mediaeval periods and the Renaissance studied with reference to their meaning in relation to present day education. Three hours a week; first term; three credits. General History prerequisite.

*Course III-e.—History of Education.* Continuation of Course III-d, through the modern period, with particular attention to recent educational theories. May be taken without III-d. Three hours a week; second term; three credits.

*Course IV-a.—Secondary Education.* A practical study of the organization and management of high schools; the curriculum; relation to elementary school and to college; applications of the psychology of adolescence. Three hours a week; first term; three credits.

*Course IV-b.—Educational Tests and Measurements.* This course seeks to train students in the recently developed scientific methods of measuring mental capacity, in the use of standardized tests of scholastic advancement, in making school surveys, and to acquaint them with the literature thereon. Individual and group studies are made in the class, in the Training School and in neighboring school systems, with statistical and graphic records. Three hours a week; second term; three credits.

*Course IV-c.—Rural School Problems.* A practical study of the adjustment of educational methods and organization to the

needs of Virginia rural communities. Survey of selected rural communities, study of rural elementary and high schools, reports, class discussions, lectures and readings. Three hours a week; first term; three credits.

*Course IV-d.—Teaching of English.* An intensive study of aims, types and methods of teaching and of efficiency tests applied to high school English. Texts, readings, observations, practical testing, lectures and discussions. Three hours a week; first term; three credits.

*Course IV-e.—Teaching of Mathematics.* Aims, methods and standards in teaching high-school mathematics. Three hours a week; three credits. (Same as Mathematics III-d.)

*Course IV-f.—Teaching of Modern Languages.* (See French IV-a.)

*Course IV-g.—Teaching of Latin.* (See Latin IV-a.)

*Course IV-h.—Teaching of Physical Sciences.* (See Physics IV-c.)

*Course IV-i.—Teaching of Biological Sciences.* (See Biology I-b.)

*Course IV-j.—Teaching of History and Social Sciences.* Aims, types and methods of teaching history, government and social sciences in high schools, with special attention to the development of sound citizenship, richer community life and Americanization through these subjects. Three hours a week; second term; three credits.

*Course IV-k.—Teaching of Commercial Courses.*

*Course IV-l.—Teaching of Home Economics.* (See Home Economics, page 116.)

## LATIN

PROFESSOR CLARK.

*Course I-a and I-b.—Virgil's Æneid.* Six books with parallel reading. Reading of the Latin hexameter. Review of grammar with selected exercises in prose composition. A systematic attempt to show the relation of Latin to English. Three hours a week; both terms; six credits.

*Course II-a.—*During the past session the content of this course was based on selected letters of Pliny the Younger. Frequent reports were made on such topics as Roman Baths, Roman

Holidays, Stoicism at Rome in the time of Pliny, etc. Careful attention was given to showing intimate relation of Latin to English as well as to matters of Latin grammar and to guidance in reading Latin. Three hours a week; first term; three credits.

*Course II-b.—Latin Lyric Poetry.* This course is the normal college work in the Odes of Horace. Three hours a week; second term; three credits.

*Courses III-a and III-b.*—These courses are open to students of junior or senior grade. The content varies from year to year, and so they may be taken by the same students for two or even three successive years. Last session Course III-a was combined with II-a, but the students who were prepared to do more advanced work were required to make special investigation on appropriate topics in the library. Course III-b was an advanced course in Lucretius's *De Roman Natura*. Three hours a week; three credits.

*Course IV-a.—Teachers' Course.* The purpose of this course is to apply the general principles of pedagogy, especially as they relate to language study, to the teaching of high school Latin. A review will be made as far as practicable of the high school course in Latin from the standpoint of one who intends to teach it. It is hoped that a surer and more accurate knowledge of the fundamentals of Latin will be gained as well as an understanding of how to present what is known.

## GREEK

PROFESSOR CLARK

*Course I-a.—Everyday Greek.* This course is really more English than Greek. The object is to show how large is the Greek element in English vocabulary and to give definite direction to students in the recognition and understanding of a great many of such words. The Greek alphabet, transliteration, parts of speech, word formation, meanings of most important prefixes and suffixes, detailed study of groups of typical English words of Greek origin—such topics formed the basis of the work. Three hours a week; first term; three credits.

*Greek I-b.—Elementary Greek.* Building on Course I-a the attempt is made to do in one semester what is commonly given in two semesters. Many of the students last session, however, had not elected I-a and so this part of the experiment did not

conform to the original idea of the instructor. It is true, nevertheless, that earnest, diligent students of mature minds can with proper guidance get the essentials of elementary Greek in one semester without any preliminary work in the subject. We got good results. Three hours a week; second term; three credits.

*Course II-a.* Instead of the conventional Xenophon's *Anabasis* we did Plato's *Apology* and *Crito* with selections from the *Phaedo*. Three hours a week; first term; three credits.

*Course II-b.—Introduction to Greek Tragedy.* Aeschylus' *Prometheus* and Sophocles' *Antigone* were the basis of this course. Lectures on the Greek Theatre and its drama. Three hours a week; second term; three credits.

*Courses III-a and III-b.* The content of these courses is adapted to the needs of the student and varies from year to year. Three hours a week; second term; three credits.

## PHILOSOPHY AND PSYCHOLOGY

PROFESSOR GEIGER  
PROFESSOR BENNETT

### PSYCHOLOGY

*Psychology II-a.—General Psychology.* A general introductory course in psychology. The topics include the nervous system, sensation, perception, imagination, memory, reasoning, instinct, emotion, volition, the self and laboratory demonstrations. Three hours a week; first term; three credits.

*Psychology II-b.—Social Sociology.* Topics discussed in this course are groups and institutions and the forms of consciousness developed within; the social aspects of instinct, feeling, and cognition; custom, public opinion, and imitation and suggestion; theories of social progress. Three hours a week; second term; three credits.

*Psychology II-c.—Business Psychology.* This course includes discussions of problems related to business and industrial organization and efficiency from the point of view of psychology. Three hours a week; second term; three credits.

*Psychology III-a.—Abnormal Psychology.* Lectures and assigned readings covering the main forms of unusual and abnormal phenomena. Three hours a week; first term; three credits.

*Psychology III-c.—Psychology of Religion.* Emphasis is laid on the origin of religion in primitive society; the function of religion from the psychological and sociological points of view, and its relation to science and democracy. Three hours a week; second term; three credits.

## PHILOSOPHY

*Philosophy I-a.—Ethics of Citizenship.* An elementary course treating of the moral aspects of American ideals and institutions. Three hours; first term; three credits.

*Philosophy III-a.—Logic.* Topics studied in this course are those usually included in the survey of logic, that is, the concept the various forms of judgment; the deductive and inductive aspects of reasoning; methods of inductive inquiry and experimental investigation. Three hours; first term; three credits.

*Philosophy III-c.—Introduction to Philosophy.* An elementary treatment of important problems of reflective thought. Three hours a week; second term; three credits.

*Philosophy IV-a.—Advanced Ethics.* This course is intended to familiarize the students with the main aspects of ethical history and theory, and through this to reach a method of estimating and controlling conduct. Three hours a week; first term; three credits.

*Philosophy IV-c.—Aesthetics.* The course deals with certain aspects of beauty and art forms, such as the psychological principles involved in the appreciation of beauty and its expression; the character of primitive art; the perception of form and the nature of rhythm; description of the special arts; general relation of art to other types of experience. Three hours a week; second term; three credits.

*Philosophy IV-c.—History of Philosophy.* Ancient and mediaeval periods of philosophy; the leading systems of philosophical thought, with a biographical study of the philosophers. Three hours; first term; three credits.

*Philosophy IV-d.—History of Philosophy.* The modern period of philosophy. A continuation of Course IV-b. Three hours a week; second term; three credits.

## DEPARTMENT OF BIOLOGY

PROFESSOR DAVIS

ASSOCIATE PROFESSOR GRIMES

*Course I-a.—Physiology and Hygiene.* A study of the structure and functions of the human body, and of the means of maintaining it in health. Lectures, three hours; laboratory, four hours; first term; five credits.

*Course I-b.—Public Health.* This course deals with the causes of disease, methods of transmission, and preventive measures. Emphasis is laid upon home and community sanitation, supplementing the treatment of personal hygiene presented in Course I-a. Medical and sanitary inspection of schools and other aspects of public health administration are treated, with a view to enabling prospective teachers, as well as citizens in their private capacity to co-operate intelligently with the health authorities in reducing the incidence of disease and in promoting the physical well-being of the community. Lectures, three hours; second term; three credits. Prerequisite, five credits in the department.

*Course II-a.—General Botany.* The structure, physiology, natural history, and uses of plants. Lectures, two hours; laboratory, six hours; first term; five credits. Students are advised to complete elementary chemistry before taking this course.

*Course II-b.—General Zoology.* An examination of the great principles of Zoology, together with a study of the structure, activities and relationships of representatives of the different groups of animals. Lectures, three hours; laboratory, four hours; second term; five credits.

*Course II-c.—Plant Physiology.* The absorption of materials from the external world and their transformation within the organism. The response of the plant to external stimuli. Lectures, two hours; laboratory, six hours; first term; five credits. Prerequisite, General Botany.

*Course II-d.—Taxonomy of Flowering Plants.* Identification and classification of wild plants; study of the local flora. Laboratory and field work, six to ten hours; second term; three to five credits. Prerequisite, General Botany.

Courses II-d and III-a will not ordinarily be offered the same year

*Course III-a.—Soils.* Origin and formation of soil material; classification of soils; physical properties; fertility, manures and

fertilizers; activities of soil micro-organisms; work of experiment stations. Lectures, two hours; laboratory and field work, two hours; second term; three credits. Prerequisite, Elementary Chemistry.

*Course III-b.—Cereals.* A study of farm crops, their growth, structure, production and harvesting; common diseases and insect enemies and their control; identification of weed seeds and control of weeds; seed testing; market grades of grain; grain judging. Lectures, two hours; laboratory, two hours; first term; three credits. Prerequisite, General Botany.

Courses *III-b* and *III-c* will not ordinarily be offered the same year.

*Course III-c.—Plant Ecology.* The life of plants in their natural habitats, in relation to environment, to animals, and to each other. Lectures, two hours; laboratory and field work, four hours; first term; four credits. General Botany is required, and Taxonomy is recommended, in preparation for this course.

*Course III-d.—Genetics.* The principles of variation and heredity in plants and animals, including man; and the practical application of these principles. Lectures, three hours; first term; three credits. Prerequisite, ten credits in the department.

*Course III-e.—Vertebrate Anatomy.* This course takes up in a comparative way the structure of vertebrate animals. Lectures, two hours; laboratory, six hours; second term; five credits. Prerequisite, ten credits in the department; five of these credits should be for General Zoology.

*Course IV-a.—Bacteriology.*—Laboratory methods; observation on the morphology and physiology of bacteria and allied micro-organisms. Lectures, two hours; laboratory, six hours; second term; five credits. Prerequisite, five credits in the department.

*Course IV-b.—Plant Pathology.* A study of the more important diseases of cultivated plants, their identification and treatment. Lectures, two hours; laboratory, six hours; second term; five credits. Prerequisite, General Botany.

*Course IV-c.—Microscopic Technique.* Methods of preparing animal or plant tissues for microscopic examination or of mounting minute organisms for study. Laboratory, six hours; first term; three credits. Prerequisite, five credits in the department.

*Course IV-d.—Embryology.* The work of this course is based upon the study of the development of the chick, with some attention to other forms. Lectures, two hours; laboratory, six hours; second term; five credits. Prerequisite, Microscopic Technique, except with the consent of the instructor (such consent to be obtained sufficiently in advance for prepared material to be provided.)

*Course IV-e.—Problems in Biology.* The work of this course will be varied to suit the interests and needs of individual students. Those interested should arrange details in consultation with the instructors. Both terms; two to four credits, according to the amount of work done.

## MODERN LANGUAGES

PROFESSOR WILLIAMS

ASSOCIATE PROFESSOR JACOB

MR. LYONS

MR. SISSON

## FRENCH

*Course I-a.—Beginners' French.* Elements of grammar and simple reading. Three hours a week; first term; three credits.

*Course I-b.—Continuation of Course I-a.* Grammar completed. Reading of easy prose. Three hours a week; second term; three credits.

*Course II-a.—Readings in Modern French Prose.* Selections from such authors as Sand, Mérimée, About, Daudet, Maupassant and others. Three hours a week; first term; three credits. (Students presenting two high school units for entrance may take this course.)

*Course II-b.—Composition and Conversation.* A systematic review of French forms and syntax by means of written exercises and oral drill. Three hours a week; second term; three credits. (Open to students presenting two high school units for entrance.)

*Course III-a.—The Classical Drama of France.* Reading and interpretation of representative plays by Corneille, Molière and Racine. Lectures and supplementary reading on the political and social history of the age of Louis XIV. The course is intended as an introduction to the classical period of French literature. Three hours a week; first term; three credits. (Open to students that have completed successfully either II-a or II-b.)



*Course III-b.—The Romantic Movement in French Literature.* The study is based on Stewart and Tilley's *Romantic Movement*. In addition typical works will be read in and out of class. Three hours a week; second term; three credits. (Students should have II-a and II-b or III-a or their equivalent for admission to this course.)

*Course IV-a.—Teachers Course.* Intended primarily for teachers of French in the high schools. It includes the following and other topics: review of more thorough study of French phonetics; a brief survey of the history of the French language; methods of instruction compared and illustrated; how to vitalize the teaching of a foreign language; use and abuse of class-room devices such as pictures, maps, etc.; bibliography of pedagogical literature. Three hours a week; first term; three credits.

*Course IV-b.—The France of today,* as reflected in the literature of the twentieth century. The course includes a study of French political and social institutions since 1871. Designed especially for prospective teachers of French, but may be taken by any one that reads French with ease. Three hours a week; second term; three credits.

## GERMAN

*Course I-a.—Beginners' German.* Elementary grammar and easy reading. Three hours a week; first term; three credits.

*Course I-b.* Continuation of Course I-a. Three hours a week; second term; three credits.

*Course II-a.—Standard German Prose of the Nineteenth Century.* Readings of representative works from Riehl, Hauff, Gerstäcker, Storm, Frommel, Heyse, Baumbach and others. Three hours a week; first term; three credits. (Open to students that present two high school units for entrance.)

*Course II-b.—Conversation and Composition.* Systematic course in German syntax and synonyms, together with a study of Grimm's Law and English-German cognates. Three hours a week; second term; three credits. (Open to students presenting two high school units for entrance.)

*Course III-a.—Schiller Course.* An introduction to the German literature of the classical period. Reading and interpretation of representative works of Friedrich Schiller, together with a survey of Schiller's life and times. Three hours a week; first

term; three credits. (Open to students that have successfully completed either II-a or II-b.)

*Course III-b.—Goethe Course.* Faust, Part I, with selections from Part II. Goethe's life and the place of Faust in the world's literature. Three hours a week; second term; three credits. (Students should have had II-a and II-b or III-a or their equivalent for admission to this course.)

*Course IV-a.—Teachers' Course.* For scope and content of this course, see French IV-a. Three hours a week; first term; three credits.

*Course IV-b.—A Survey of the History of German Literature.* The period from 1820 to 1920 will receive especial stress and typical works of each literary school will be read and interpreted. Three hours a week; second term; three credits. (Ability to read German with ease required for admission to this course.)

## SPANISH

*Course I-a.—Beginners' Spanish.* Elementary grammar and easy reading. Three hours a week; first term; three credits.

*Course I-b.—Continuation of Course I-a.* Grammar completed and reading of more difficult prose. Three hours a week; second term; three credits.

*Course II-a.—The Spanish Short Story.* Representative selections from the cuentos of Blasco, Pérez, Taboada, Carrión, Alarcon, Frontaura and others. Three hours a week; first term; three credits. (Open to students presenting two high school units for entrance.)

*Course II-b.—Commercial Spanish.* This course, consisting of reading, oral and written composition, is intended to serve as introduction to the language of Spanish business life. Three hours a week; second term; three credits. (Open to students presenting two high school units for entrance.)

*Course III-a.—Cervantes' Don Quixote.* A critical study of this masterpiece, together with selections from the Novelas Ejemplares. Three hours a week; first term; three credits. (Students should have had II-a or its equivalent for admission to this course.)

*Course III-b.—The Spanish Novel of the Nineteenth Century.* Reading of selected works by such authors as Caballero, Alarcon, Valera, Bazan, Pereda, Ibáñez and others. Three hours a week;

second term; three credits. (Minimum requirement for admission to this course II-a.)

*Course IV-a.—Teachers' Course.* Similar in scope and content to French IV-a and German IV-a, which see. Three hours a week; first term; three credits.

*Course IV-b.—Literature, History and Institutions of Spanish-America.* A brief survey of the literary, political and social evolution of the principal Spanish-American countries, with especial stress on contemporary conditions. Spanish-American novels, newspapers and magazines will be used as reading texts in this course. Three hours a week; second term; three credits. (Ability to read modern Spanish with ease required for admission to this course.)

NOTE: The methods of instruction employed in the teaching of the Modern Languages reflect the fact that they are living languages used in their daily life by millions of peoples in Europe and America. Emphasis is placed on the oral language and the acquiring of a correct pronunciation and some facility in expression is stressed. Every effort is made to train the ear as well as the eye of the student, so that, at the conclusion of his course, he may understand the spoken word as well as recognize the foreign language on the printed page. As far as possible the language taught is the language of the lecture-room. Conversation clubs are organized, and the student has thus an opportunity to cultivate and develop his powers of self-expression in informal conversation.

## PHYSICS

PROFESSOR YOUNG

LABORATORY ASSISTANT H. L. BRIDGES, JR.

*Course II-a.—General Physics.* A beginning course in college physics covering the subjects of mechanics and heat and requiring no previous knowledge of these subjects. Special emphasis on the applied side. Written reports on the experimental work. Not open to freshmen except by consent of the department. Working knowledge of algebra, geometry and trigonometry required. Lectures, three hours; laboratory, four hours a week; first term; five credits.

*Course II-b.—General Physics.* A continuation of Course II-a, covering the subjects of magnetism, electricity, sound and

light. May be taken without Course II-a by consent of the department. Working knowledge of algebra, geometry and trigonometry required. Lectures, three hours; laboratory, four hours a week; second term; five credits.

*Course II-c.—Household Physics.* An introductory course in college physics, devoting only one term to the study of general physics. For girls taking domestic science. Class-room demonstrations and laboratory work are taken as largely as possible from household machines. Not open to freshmen. Working knowledge of algebra and geometry required. Given only when desired by a sufficient number of students to justify the course. Lectures, two hours; laboratory, four hours a week; either term; four credits.

*Course III-a.—Mechanics, Molecular Physics and Heat.* A more advanced treatment than that given in Course II-a, also covering many new topics. Emphasis is placed on the solution of problems and skill in making laboratory measurements of precision. Intended chiefly for engineering students and teachers of physics in high schools. College algebra, one year of college chemistry and Courses II-a and II-b required. Lectures and recitations, three hours; laboratory, four hours a week; first term; five credits.

*Course III-b.—Electricity, Sound and Light.* A continuation of Course III-a, giving a more advanced treatment of electricity, sound and light than that given in Course II-b. Especially helpful to medical students, as well as engineering students and teachers. May be taken without Course III-a by consent of the department. Lectures, three hours; laboratory, four hours a week; second term; five credits.

*Course III-c.—Graphical Statics.* Graphical methods applied to mechanics. Solution by graphical methods of numerous problems in composition and resolution of forces, centers of gravity and moments of inertia. Primarily for engineering students. Prerequisite, Course I-a, or its equivalent. Second term; three credits.

*Course IV-a.—Selected Topics in Physics.* Lecture course on theoretical mechanics, thermodynamics, radiation, kinetic theory of gases, the electron, alternating currents, wireless, radio-activity and optics. Reports from current physics publications. Prerequisites; the four preceding courses and calculus. Three hours a week; first term; three credits.

*Course IV-b.—Selected Topics in Physics.* A laboratory course on special topics in physics. Especially designed to develop skill and precision in laboratory work. Admission through consultation with the department. Four hours a week; second term; two credits.

*Course IV-c.—Teaching of the Physical Sciences.* Traces the historical development, discusses inductive methods of teaching and emphasizes the use of every-day materials for demonstrations and laboratory work. Designed to meet the needs of those preparing to teach the physical sciences in the high school. First term; three credits.

## MATHEMATICS

PROFESSOR WILLIAMS

*Mathematics I-a.—College Algebra.* Three hours a week; both terms; three credits each term.

*Mathematics I-b.—Plane Trigonometry.* Three hours a week; both terms; three credits each term.

*Mathematics I-c.—Solid Geometry.* Three hours a week; first term; three credits. This course is elective; it cannot be taken to satisfy the mathematics requirement of the new curriculum.

*Mathematics I-d.—Short Methods in Computation.* One two-hour computation period throughout the year; one credit each term. Required of all freshmen in the Engineering Courses.

*Mathematics II-a.—College Algebra.* Three hours a week; first term; three credits. This course is a continuation of Mathematics I-a. Prerequisites, Mathematics I-a and I-b.

*Mathematics II-b.—Plane Analytic Geometry.* Three hours a week; second term; three credits. Prerequisites, Mathematics I-a, I-b and II-a.

*Mathematics II-c.—Descriptive Geometry.* Three hours a week; first term; three credits. Prerequisites, Mathematics I-a, I-b, II-a and II-b.

*Mathematics II-d.—Surveying.* Lectures and field work three periods a week; second term; three credits. Prerequisites, Mathematics I-a, I-b and I-d.

*Mathematics III-a and III-b.—Differential and Integral Calculus.* Three hours a week throughout the year. Credit will not be given for III-a unless III-b is also completed.

*Mathematics III-c.—Mathematics of Investment.* Three hours a week for one term; three credits. Prerequisites, Mathematics I-a and I-b.

*Mathematics III-d.—History and Teaching of Mathematics.* Three hours a week for one term; three credits. This course is designed primarily for prospective teachers of mathematics and will count toward the fulfillment of the requirements in Education for State students. It should be taken by all who wish to be recommended by the Department of Mathematics for teaching positions. Prerequisites, Mathematics I-a, I-b, II-a, II-b, and preferably III-a and III-b.

*Mathematics IV-a and IV-b.* The subjects taken up in this course from year to year will be varied according to the needs of the students. Advanced calculus, differential equations, theory of equations, theory of numbers, advanced plane analytic geometry, solid analytic geometry or theoretical mechanics may be studied.

## HISTORY

ASSOCIATE PROFESSOR MORTON

*Course I-a.—Greece and Rome.* Text-book, lectures and parallel reading. Assigned work in library. Three hours a week; first term; three credits.

*Course I-b.—Western Europe.* Middle Ages and Development of Modern Europe. Text-book, lectures and parallel reading. Special topics for investigation. Three hours a week; second term; three credits.

*History I-c.—History of the United States to 1861.* The development of the colonies and of the nation. Attention is given to the European background and to the social, political and economic development of the country. Three hours a week; first term; three credits.

*History I-d.—History of the United States from 1861 to the Present.* A continuation of Course I-c. Three hours a week; second term; three credits.

*History III-a.—English History.* A general course in which the relationships between American and English institutions and history will be discussed. Three hours a week; first term; three credits.

*History III-b.*—History of the Renaissance. An intensive course requiring extensive reading. Three hours a week; second term; three credits.

*History IV-a.*—*European History, 1815-1914.* A detailed study of the development of the nations of Europe from the French Revolution to the World War. Three hours a week; first term; three credits.

*History IV-b.*—*European History since 1914.* A study of the World War and of the peace treaty. (Course IV-a prerequisite.) Three hours a week; second term; three credits.

## POLITICAL SCIENCE

*Political Science II-a.*—*Government of the United States.* Forms and functions of the Federal government. Three hours a week; first term; three credits.

*Political Science II-b.*—*Comparative Government.* State and city government; new features in government; some foreign governments. (Course II-a prerequisite.) Three hours a week; second term; three credits.

*Political Science III-a.*—*Constitutional Law.* A course in constitutional law and history of the United States. Three hours a week; first term; three credits.

*Political Science III-b.*—*English Constitutional History.* Three hours a week; second term; three credits.

## HOME ECONOMICS

PROFESSOR BAER

INSTRUCTOR MISS GILL

*Home Economics, I-a, I-b.*—*Sewing and Textiles.* This course includes practice in the use of the sewing machine and its attachments; the making of fundamental stitches; the drafting and use of patterns; hand and machine sewing applied to simple garments. Also instruction in the manufacture of cotton, linen and woolen materials with simple tests for adulteration, etc. One lecture and one laboratory period per week; 2 credits per term.

*Home Economics, II-a, II-b.*—*Elementary Dressmaking.* The fundamental principles of dress construction applied to simple

dresses. Renovation of dresses, etc. One laboratory period per week;  $1\frac{1}{2}$  credits per term.

*Home Economics, III-a, III-b.—Advanced Dressmaking and Millinery.* This course includes the making of more elaborate dresses and simple millinery. Two laboratory periods per week; 2 credits per term.

*Home Economics, III-c, III-d.—Applied Design.* A brief study of the history of costumes; the application of the principles of design to textiles and costume. One laboratory period per week; 1 credit per term.

*Home Economics, I-c, I-d.—Foods and Cookery.* General principles of cookery and their application to the more common foods; production, composition and dietetic value of foods; preparation and serving of simple menus. One lecture and one laboratory period per week; 2 credits per term.

*Home Economics II-c, II-d.—Menu Planning and Marketing.* Students will plan, prepare and serve meals for definite sums of money. Marketing will be discussed and practiced. One laboratory period per week;  $1\frac{1}{2}$  credits per term.

*Home Economics III-e.—Advanced Cookery.* The application of fundamental principles of cookery to the preparation of more elaborate and expensive receipts. One laboratory period per week;  $1\frac{1}{2}$  credits.

*Home Economics III-f.—Institution Cookery.* Preparation of food materials in large quantities for serving in the college dining room. One laboratory period per week;  $1\frac{1}{2}$  credits.

*Home Economics III-g, III-h.—Home Management.* Equipment and care of the home; planning the daily routine; discussion of the family budget, etc. Two lecture periods per week; 3 credits per term.

*Home Economics IV-a.—Demonstration Cookery.* This course aims to give students facility in demonstrating cooking processes in the class-room, before women's clubs, farmers' institutes, etc. One laboratory period per week; 1 credit.

*Home Economics IV-b.—Experimental Cookery.* Quantitative and qualitative studies of fuels and apparatus; use of the thermometer in cookery; comparative studies of recipes using different grades and types of foods. One laboratory period per week; 1 credit.



*Home Economics II'-c, II'-d.—Nutrition and Dietetics.* The fundamental principles of nutrition and their application to the feeding of individuals and groups; the relation of the cost of food to the family budget. Lectures and laboratory work; 2 credits per term.

*Home Economics II'-e.—Home Nursing and Care of Children.* General care of the sick room and the patient; diet for the invalid; care and feeding of infants and children. One laboratory period per week; 1 credit.

## ECONOMICS, BUSINESS ADMINISTRATION AND ACCOUNTANCY

PROFESSOR JUCHHOFF  
PROFESSOR BONNETT

### ECONOMICS

*Course I-a.—Principles of Economics.* This course is designed to give the student an acquaintance with the working principles of political economy. The topics covered during the term include the evolution of economic society, production, value, price, monopolies, etc. Three hours a week; first term; three credits.

*Course I-b.—Principles of Economics.* This is a continuation of Course I-a and includes such topics as money and credit, banking, domestic and foreign trade, wages, rent, interest, governmental control of industries, public revenues and expenditures. Three hours; second term; three credits.

*Course II-a.—Economic History of the United States.* The development of colonial institutions; the public land problem; agricultural development; growth of slavery; internal improvements; finance; banking; labor and capital; transportation; natural resources; commercial expansion. Three hours a week; first term; three credits.

*Course II-b.—Geography of Commerce.* The factors influencing the production of commodities of commerce. Trade routes and means of transportation. Commercial and industrial activities as influenced by environment. Three hours a week; second term; three credits.

*Course II-c.—Business Communications.* Business English as applied to various types of business communication. The proper construction of business letters. Preparation of various kinds

of advertisements. One hour a week; second term; one credit. Not given in 1920-21.

*Course II-d.—Mathematics of Business.* Review of the fundamental operations with reference to practical short methods of calculation. Emphasis will be placed upon commercial algebra and the use of the slide rule, logarithms, etc. Two hours a week; second term; two credits. Not given in 1920-21.

*Course II-e.—Business Organization.* Various types of business organizations. Combinations and trusts, causes and results. Three hours a week; second term; three credits.

*Course III-a.—Money and Banking.* The function and characteristics of money. The relation of the standard to reserves, prices, and the cost of living. Banks, their relations to each other and to the Federal Reserve system; note issues, deposit currency, governmental regulation. Three hours a week; second term; three credits. Not given in 1920-21.

*Course III-b.—Railroad Transportation.* The development and growth of the American railway system; physical factors; financing; classifications of commodities; traffic associations; operating problems; governmental control; public ownership and operation; the Interstate Commerce Commission. Three hours a week; first term; three credits.

*Course III-c.—Ocean Transportation.* Growth and decline of the American merchant marine; types of ocean carriers; regulation of ocean trade; ports and terminals, etc. Three hours a week; second term; three credits. Not given in 1920-21.

*Course III-d.—Industrial Management.* The factors affecting the location of plants; types of buildings; routing of work; auxiliaries; departments. Types of organization; executive control; methods of production; storing and shipping; Taylor system of scientific management. Two hours a week; first term; two credits.

*Course III-e.—Marketing.* The nature and value of exchange; determination of market price; assembling, storing and distributing methods; produce exchange; warehouse and elevator systems; co-operative marketing; chain stores; trade-marks; price maintenance. Two hours a week; first term; two credits. Not offered in 1920-21.

*Course III-f.—Insurance.* The functions and underlying principles of insurance; life insurance; kinds of companies; their

organization and operation. Policies; premiums; reserves. Fire insurance; methods of operation; inspection bureaus; underwriters laboratories; rates, etc. Two hours a week; second term; two credits. Not offered in 1920-21.

*Course III-g.—Foreign Commerce.* The factors that favor or limit the development of American foreign trade; customs; credit extensions; methods of selling and packing; exchange. Three hours a week; second term; three credits.

*Course III-h.—South American Markets.* This course will cover a study of the demand for manufactured products in the markets of Latin-America, methods of advertising, credit facilities, etc. Three hours a week; first term; three credits. Not given in 1920-21.

*Course IV-a.—Statistics.* A study of statistical methods, emphasis being placed upon the collecting, tabulating and interpreting of data pertaining to various operations in the business world. Two hours a week; first term; two credits.

*Course IV-b.—Industrial Relations.* This will consider the scientific adjustment of the relations between employer and employee. Two hours a week; second term; two credits.

*Course IV-c.—Relation of Government to Industry.* This course will consider the regulation of business and industry by the government. Three hours a week; first term; three credits.

*Course IV-d.—Public Finance.* A general course in public finance and taxation, embracing taxation under State and Federal laws, budget making, etc. Three hours a week; second term; three credits.

*Course IV-e.—Corporation Finance.* This will consider the financial management of private corporations such as the instruments of finance, underwriting, syndicates, etc. Three hours a week; first term; three credits.

*Course IV-f.—Investments.* This course considers the essentials of a sound investment. The various types of securities, together with their relative rank of safety, will be considered. Two hours a week; first term two credits. Not given in 1920-21.

*Course IV-g.—Sociology.* A general course in the principles of sociology, with special application to the solution of present social problems. Three hours a week; second term; three credits.

*Course IV-h.—Office Management.* A study of the principles and methods governing the organization and administration of

clerical forces and physical factors involved in office management. Two hours a week; second term; two credits. Not given in 1920-21.

*Course IV-i.—Marketing.* This course considers the factors in our distributive system, including specialized types such as the department store, mail order establishments, chain stores, price maintenance, unfair competition, etc. Three hours a week; second term; three credits. Not given in 1920-21.

*Course IV-j.—Public Utilities.* A consideration of various types of public service corporations and their relation to the State and municipality. The problem of municipal ownership will be discussed. Three hours a week; second term; three credits. Not given in 1920-21.

*Course IV-k.—Principles and Methods of Commercial Education.* This course is planned to meet the needs of those who expect to teach, or to supervise, commercial courses in the high schools of the State. One hour a week; second term; one credit.

## BUSINESS LAW

The courses in Business Law, while confined to those branches of the substantive law which are of special interest to business men, are in scope and character of full professional grade, as given in the best law schools in the country. For convenience in recording, subjects which are otherwise not related are grouped and described in the order in which they are taught, the work of each term being taken as a unit.

*Business Law II-b.—Law of Contracts.* This course will continue throughout the entire term and embraces a study of the law of contracts. Clark on Contracts, and leading cases. Three hours a week; second term; three credits.

*Business Law, III-c.—Law of Business Associations.*—This course will embrace the law of partnerships and corporations. Mechem on Partnership, Clark on Corporations, and leading cases. Three hours a week; first term; three credits.

*Business Law III-d.—Law of Personal and Real Property.* The whole subject of personal and real property will be covered, including the law of sales. Benjamin on Sales, Tiedman on Real Property, and leading cases. Three hours a week; second term; three credits.

*Business Law IV-c.—Law of Agency and Negotiable Instruments.* In this course will be considered the law of agency; the last half of the term will be devoted to a study of the law of bills and notes. Mechem on Agency, Bigelow on Bills and Notes, and leading cases. Three hours a week; first term; three credits.

*Business Law IV-d.—Law of Bailments and Suretyship.* The work of this semester will be devoted to the study of the law of bailments and carriers and that of guaranty and suretyship. Dobie on Bailments, Childs on Suretyship, and leading cases. Three hours a week; second term; three credits.

## ACCOUNTANCY

*Accountancy III-a.—Constructive Accounting.* A general course in the principles of accountancy embracing the accounting methods employed in the single proprietor and partnership form of organization. Among the topics considered will be the statement of affairs, deficiency account, statement of realization and liquidation, etc. The Walton graded system is used. Lectures and laboratory. Three hours a week; first term; three credits.

*Accountancy III-b.—General Accounting.* Special attention will be given to the accounting methods for corporations; the various kinds of stock, bonds, funds, reserves, etc., will be considered. The Walton graded system is used. Lectures and laboratory. Three hours a week; second term; three credits.

*Accounting IV-a and IV-b.—Advanced Accounting.* This course continues throughout the entire year and is intended to give the theoretical training necessary for the practice of public accountancy. The Walton Advanced System of text and problems is used. Three hours a week; both terms; six credits.

*Accounting V-a.—Auditing.* This is a continuation of Course IV-b and is presented in the same way. Particular emphasis is placed upon auditing and auditing methods. Three hours a week; first term; three credits. Not given in 1920-21.

*Accounting V-b.—Cost Accounting.* This is a course in factory accounting and cost finding. The student is expected to construct, and put into operation, from supplied data, a number of costs systems selected from representative industries. Three hours a week; second term; three credits.

*Accounting V-d.—Public Service Corporation Accounting.* This course will embrace a study of the accounting methods of

various kinds of public utilities, such as railways, gas and electric light companies, power plants, etc. Two hours a week; first term; two credits. Not given in 1920-21.

*Accounting V-e.—Auditing Problems.* The application of general principles to specific auditing problems. This course covers in a more advanced manner the various topics considered in Accounting V-b. Two hours a week; second term; two credits. Not given in 1920-21.

*Accounting V-f.—Accountancy of Investments.* This course is intended for persons desiring to specialize in the accountancy of financial institutions and embraces such topics as amortization, sinking funds, trusts, etc. Two hours a week; first term; two credits. Not given in 1920-21.

*Accountancy V-g.—Fiduciary Accounting.* Accounting methods and practice for administrators and executors; duties of trustees; special problems in the accounts of guardians, curators, etc. One hour a week; second term; one credit. Not given in 1920-21.

*Accounting V-h.—Accounting Problems.* An advanced course devoted to the discussion and solution of a series of graded problems taken from the more difficult C. P. A. and American Institute examinations. The problems studied will vary from year to year so that the course may be taken for two or three years in succession. Two hours a week; second term; two credits.

## PART III

---

Department of Physical Education

## Department of Physical Education

---

JAMES G. DRIVER, *Athletic Director.*

ROBERT P. WALLACE, *Assistant*

DAVID J. KING, M. D., *College Physician*

### ATHLETICS

All forms of college athletics are under the direct supervision of the Athletic Director. The college participates in football, baseball, basketball, track and tennis, and is a member of the Eastern Virginia Intercollegiate Athletic Association. A series of championship games are played with each of these schools in all sports each year. The athletic relations are not confined, however, to the members of the association, but many of the leading colleges and universities are met each year.

### REGULATIONS

The general management of athletics of the college is in the hands of an Athletic Council, on which there are representatives of both the faculty and the student body. The council is elected under certain restrictions by the popular vote of the Athletic Association of the college. The council is, therefore, able to serve as an intermediary committee between the faculty, the students and the athletic teams. The faculty, however, through its committee on student activities, is further able to keep a general oversight over athletic tendencies and the individual class standing of those participating in athletic activities.

The following rules apply to all athletic teams of the college:

1. The committee of the faculty on athletics is entrusted with the general oversight of all athletics, and is authorized to forbid any features in these exercises which endanger the health or morals of the participants.
2. No one shall play in any intercollegiate contest who is not, at the time of such contest, a regular matriculated student in good standing.
3. No student will be permitted to play on any college team except after physical examination by the college physician.
4. Leaves of absence for the purpose of playing intercollegiate games may be allowed to the college teams, such leaves not to exceed five days in the session in the case of any team.



Only students who act as regular or substitute members of the athletic teams will be permitted to accompany them on trips from the college.

5. Special monthly reports will be made to the faculty with respect to the class standing and progress in study of each player on the athletic teams during the seasons, whether such player be a regular or substitute member of any team.

6. Any member of an athletic team will, for neglect of his studies or non-attendance on lectures, be required by the faculty to sever his connection with such team.

7. The athletic teams shall not have contests elsewhere than in Williamsburg with any except teams from other institutions of learning.

8. Members of teams, and all students visiting out of town, except in the company and under the control of parents and guardians, are subject to the rules of the college.

#### PHYSICAL TRAINING

All freshmen, except those who are members of the squads of the various teams of the college, are required to take a course in physical training. This course will consist of mass athletics, setting-up exercises and games, while boxing, wrestling, basketball, volleyball and soccer football will also be given. At all times when weather permits the instruction will be given out of doors, otherwise in the college gymnasium.

It is the aim of this course to qualify a man to teach physical training in high schools and to have general supervision over athletics. The class meets three hours per week for the session and two credits will be given for successful completion.

For students who desire to specialize in physical training and athletics, an advanced course will be given which will meet three hours per week for one term and for which two credits will be allowed. Instruction in physical diagnosis will be given in connection with both courses by the college physician.

BERTHA WILDER

#### *Physical Director of Women*

The physical training for women includes various forms of gymnasium exercises, folk dancing, basketball, field hockey, baseball and tennis. Every student is required to take three hours a week of regular gymnasium work, unless excused for reasons of health; in which case special exercises will be adopted by the physical director to suit the individual needs of the student.

Black bloomers, white middy blouses, black ties and rubber soled shoes should be provided for this work.

## College Societies and Publications

---

### PHI BETA KAPPA SOCIETY

#### ALPHA OF VIRGINIA

This society, the first Greek Letter Fraternity in the United States, was formed at William and Mary December 5, 1776. It admits to membership only graduates of the college and persons other than graduates distinguished in letters, science or education.

<i>President</i> .....	JUDGE R. T. W. DUKE
<i>Vice-President</i> .....	VAN F. GARRETT
<i>Secretary</i> .....	JOHN LESSLIE HALL
<i>Treasurer</i> .....	HENRY E. BENNETT

### LITERARY SOCIETIES

There are two literary societies for men and one for women. They meet weekly in their halls for the purpose of cultivating debate, composition and declamation. They have their annual final celebrations during the week of Commencement.

## Student Publications

---

*The William and Mary Literary Magazine* is published monthly by the two literary societies.

*Editor-in-Chief*.....ALBERT PETTIGREW ELLIOTT.

*Business Manager* .....LUNSFORD HALEY SETTLE.

*The Colonial Echo* is published annually by the students of the college. This handsome and artistic volume is a valuable souvenir of the college and of the year's life on the campus.

*Editor-in-Chief*.....ALBERT PETTIGREW ELLIOTT.

*Business Manager* .....WALTER HUGHART CHEATHAM.

*The Flat Hat* is a four-page weekly paper published by the students of the college, and is an interesting chronicle of student life and daily affairs of the college.

*Editor-in-Chief*.....JULIAN ARLINGTON BROOKS.

*Business Manager* .....JOHN ROBERT CHAPPELL.

*The Bulletin* of the College of William and Mary is issued quarterly, or so many times as need may require. The purpose of *The Bulletin* is to set forth the activities, needs or purposes of the college to its alumni, friends, and the general public. The annual catalogue is one of the regular numbers of *The Bulletin*. Copies will be sent free on request.

## Religious Work

---

### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

*President*.....LUNSFORD HEALY SETTLE.

The Young Men's Christian Association of the college has for a long time done a noble work in standing for a high spiritual life among its members, and in working throughout the college for the cause of Christianity. It holds its regular devotional meeting every Tuesday night in the Association Hall, which is in the gymnasium building. The meetings are addressed by the ministers of the town, by members of the faculty, by student members of the Association or by visiting speakers. Once each year the

association holds a week of prayer service, which is usually led by an especially invited minister.

The association does an excellent work in making smooth the way for new students. It publishes a handbook of information for their benefit, and, during the first week of college exercises, it holds a reception for the purpose of having the new students meet socially the other students and the members of the faculty.

Towards the close of the session a final sermon is preached in the college chapel before the members of the association.

A most important feature of the association's work is the promotion of systematic Bible study, through the formation of classes for this purpose among the students, or by active co-operation with the men's Bible classes in the various churches of the town.

The association has the use of the special shelves in the college library, which are furnished with carefully selected religious periodicals and books.

The visitors and faculty are in hearty sympathy with the work of the Young Men's Christian Association, and would urge upon parents and guardians that they encourage students to join the association as soon as they enter the college.

---

## The Alumni Association

---

### OFFICERS OF THE ASSOCIATION

(To serve until June 10, 1919.)

<i>President</i> .....	A. H. FOREMAN.
<i>First Vice-President</i> .....	W. T. HODGES.
<i>Second Vice-President</i> .....	W. C. JOHNSTON.
<i>Third Vice-President</i> .....	GEORGE W. GUY.
<i>Secretary and Treasurer</i> .....	JOHN WEYMOUTH.

By the rules of the Alumni Association, all persons in good standing who have been students (graduates or otherwise) or professors of the College of William and Mary, wherever their actual residence, may be members of this association when they shall have signed the constitution, stating their respective address, and paid their initiation fee. The society may also elect honorary members. The annual dues shall be one dollar, payable in advance to the secretary on the day of the annual meeting.

## **PART IV**

---

### **Summer Session**

## Summer Session

---

The summer work offered by the college of William and Mary differs from that offered by many other institutions in that the courses are regular college courses and not hasty review courses taught by an extemporized faculty. The greater part of the instruction is given by members of the regular William and Mary faculty, and nearly all of the courses are the regular William and Mary courses given with a full library and laboratory equipment. In no way does the class-room work during the summer term differ from that of the regular college year. The work counts full credit towards degrees.

The primary purpose of the William and Mary summer term is to place the educational advantages of the college within the reach of others. Virginia teachers are admitted tuition free. Since the college has been for thirty years a training school for teachers, the regular courses of the institution are already adapted to the wants of such students and with few additions and alterations these courses are offered during the summer term. A bulletin containing full information about the ninth annual summer session, which will be held from June 17 to September 3, 1920, has been issued and a copy will be furnished to any one who desires it.

## Faculty of the Summer Session

1919

---

LYON GARDINER TYLER, M. A., LL. D.

President

JOHN LESSLIE HALL, Ph. D., Litt. D.

Dean of the Faculty

ARTHUR GEORGE WILLIAMS, M. A.

Director of the Summer Session

---

EDITH BAER, B. S.

(Professor of Home Economics, College of William and Mary)

*Home Economics*

HENRY EASTMAN BENNETT, B. A.

(Professor of Education, College of William and Mary)

*Education*

EDWARD TANKARD BROWNE, M. A.

(Instructor in Mathematics, University of Virginia)

*Mathematics*

WESLEY PLUMMER CLARK, M. A.

(Professor of Latin and Greek, College of William and Mary)

*Latin*

VAN FRANKLIN GARRETT, A. M., M. D.

(Professor of Chemistry, College of William and Mary)

*Chemistry*

JOHN LESSLIE HALL, Ph. D., Litt. D.

(Professor of English Language and Literature,

College of William and Mary)

*English*

HORACE EDWIN HAYDEN, JR., M. A.

(Acting Professor of Biology, College of William and Mary)

*Zoology*

ASHTON W. McWHORTER, Ph. D.

(Professor of Greek, Hampden-Sidney College)

*History*

ARTHUR GEORGE WILLIAMS, M. A.  
(Professor of Modern Languages, College of William and Mary)

*Modern Languages*

EDITH BAER, B. S.  
Supervisor of Women

HERBERT LEE BRIDGES, B. A.  
Registrar

ALBERT PETTIGREW ELLIOTT, L. I.  
Librarian and Assistant in Chemistry

JEAN CHRISTINA MERCER  
Secretary of the Summer School

ESTHER W. RODIMON  
Dietitian





